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Ontario . Hydro-electric power
Commission

Report.

1968-1970.



The Hydro-Electric Power Commission of Ontario

Sixty-First **Annual Report** *for the Year* **1968** -70

This Report is published pursuant to The Power Commission Act,
Revised Statutes of Ontario, 1960, Chapter 300, Section 10.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

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LETTER OF TRANSMITTAL

TORONTO, ONTARIO, MAY 5, 1969

THE HONOURABLE W. ROSS MACDONALD, P.C., C.D., Q.C., LL.D

Lieutenant-Governor of Ontario

SIR:

I have the honour to present the Sixty-first Annual Report of The Hydro-Electric Power Commission of Ontario, for the year ended December 31, 1968.

As a reflection of a dynamic provincial economy, the demands of the Commission's customers reached a peak of 9,994,400 kilowatts in December, showing an increase of nearly 800,000 kilowatts or 8.5 per cent over the maximum demand of the previous winter. When compared with peak demands in December 1967, they showed an even larger increase — 11.5 per cent.

More than 1,000,000 kilowatts of new generating capacity were placed in service during the year. Because of the rapid rise in demands, however, even this was insufficient to provide a comfortable margin of reserve power. During much of November and December, supply and demand were in delicate balance. Fortunately neither major mechanical breakdowns nor adverse weather conditions occurred to disturb that equilibrium. The dependable peak capacity of our resources in December 1968 was 10,338,100 kilowatts.

In 1969 another record addition of more than 1,200,000 kilowatts of new generating capacity is scheduled for service, 1,000,000 kilowatts at the Lambton thermal-electric station near Sarnia, 130,000 kilowatts at Aubrey Falls on the Mississagi River, and 92,000 kilowatts from the enlarged Stewartville Generating Station on the Madawaska River.

In December 1968, plans were announced for two new power developments with a combined capacity of 5,540,000 kilowatts. The larger of the two, to be known as Bruce Generating Station, will be a 3,200,000-kilowatt nuclear-electric station on a site adjacent to the 200,000-kilowatt, Douglas Point Nuclear Power

Station, which was placed in service in 1967. The new station, which will include auxiliary units with a total capacity of 45,000 kilowatts, is scheduled for initial service in 1975. The other new development, with a capacity of 2,295,000 kilowatts will be known as Lennox Generating Station. It will be located about 20 miles west of Kingston and is expected to begin producing power in 1974. It will be the first large thermal-electric station in eastern Ontario.

The longer-range resource development program, as at present authorized, provides for the installation during the next ten years of units which will add nearly 12,400,000 kilowatts to our generating facilities. Nuclear-electric installations will provide about 43 per cent of this additional power, conventional and combustion-turbine units about 52 per cent, hydro-electric developments, for so many years the prime source of Ontario Hydro's power, only about 5 per cent. By 1978 the present program would raise the installed capacity of the Commission's generating stations to more than 22 million kilowatts, of which nearly 50 per cent would be conventional thermal-electric, and about 25 per cent nuclear-electric.

Current analyses indicate that large-scale nuclear-electric stations will provide electric energy at a lower cost per kilowatt-hour than fossil-fuel plants, or hydro-electric power developments located at considerable distance from the load centres. The 200,000-kilowatt unit at Douglas Point Nuclear Power Station is confirming the fuel economy and dependability of the Canadian nuclear concept. At Pickering Generating Station, just east of Toronto, work is progressing favourably, and the first of four 540,000-kilowatt units is expected to be in service in 1971.

While nuclear installations have high capital cost, they have low fuel cost. Conversely, conventional thermal generating stations have relatively low capital costs but high fuel costs. While from the long-term point of view it might be desirable to concentrate exclusively on nuclear generation, scarce debenture capital and high interest rates, coupled with the problems of introducing a new technology, provide compelling reasons for continuing to build conventional thermal-electric stations as well as nuclear-electric stations.

Allowing for the difficulties involved, the performance of Canadian industry in developing nuclear energy has been gratifying, and despite the problems that are unavoidable in a giant pioneering venture of this kind, we must press ahead. Nuclear generation, because it involves very low fuel costs, will certainly be more inflation-proof than conventional thermal-electric generation. Furthermore, it will be contributing to the advancement of a new industry in Canada, with broad implications for our whole national economy.

Progress, however, is not made without the acceptance of problems. The challenge is not only to develop new nuclear plant equipment for power production, but also to develop sources of supply for requirements such as heavy water. The initial loading of Pickering Generating Station for the moderator and heat-transport systems will be about 2,000 tons. The larger Bruce plant, with construction to be completed between 1975 and 1978, will require 2,400 tons.

To ensure that there will be adequate and economic sources of supply for these and other requirements for heavy water, Atomic Energy of Canada Limited recently began to build a plant at Douglas Point, which ultimately should produce 800 tons annually. Two heavy-water plants, both with planned 400-ton-per-year capacities, are now under construction in Nova Scotia. One of these plants is expected to be ready for operation soon, but both are somewhat behind schedule, and Canadian requirements for heavy water are still being met from limited and expensive sources in the United States.

The relentless pressure of higher costs on almost every aspect of operations left the Commission no alternative but to introduce across-the-board increases in rates to virtually all customers. The increase in wholesale rates to municipal utilities, effective January 1, 1969, averaged 4.5 per cent. Many municipal systems have been able to absorb these higher charges. Others have been obliged to pass them on to their customers.

The people of Ontario have a right to expect that operating economies will be introduced with a view to keeping rate increases under control. The unremitting growth in customer demands and the forces of inflation, however, pull in the opposite direction. Despite these continuing inflationary pressures, the Commission does its utmost to ensure that electric energy will continue to be available at a competitive price. One of the most effective guarantees is a soundly based marketing program to encourage the growth of diverse patterns of consumption, which will improve revenues without adding materially to capital requirements. If economy of supply for our customers is to be maintained, we must use our facilities as advantageously as possible.

In 1969 and the years ahead, the most urgent problems engaging the attention of the Commission will be the unprecedented demands that will be made on the new technology and capital financing to keep pace with the growth of the provincial economy.

During the past year the Commission enjoyed the full support and co-operation of its partners, the municipal utility systems, and their two organizations, the Ontario Municipal Electric Association and the Association of Municipal Electrical Utilities. My fellow Commissioners as usual made their own important contributions to the management of Ontario Hydro and my thanks go to them as well as to the General Manager and the whole staff.

Respectfully submitted,

GEORGE E. GATHERCOLE
Chairman

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SIXTY-FIRST ANNUAL REPORT
OF
**The Hydro-Electric Power Commission
of Ontario**

FOREWORD

THE Hydro-Electric Power Commission of Ontario is a corporate entity, a self-sustaining public enterprise endowed with broad powers with respect to electricity supply throughout the Province of Ontario. Its authority is derived from an Act of the Provincial Legislature passed in 1906 to give effect to recommendations of earlier advisory commissions that the water powers of Ontario should be conserved and developed for the benefit of the people of the Province. It now operates under The Power Commission Act (7-Edward VII, c. 19) passed in 1907 as an amplification of the Act of 1906 and subsequently modified from time to time (Revised Statutes of Ontario, 1960, c. 300, as amended). The Commission may have from three to six members, all of whom are appointed by the Lieutenant-Governor in Council. Two Commissioners may be members of the Executive Council of the Province of Ontario.

The Power Supply

Power is provided through the facilities of two operating systems, known as the East and West Systems, which were still not physically interconnected at the end of 1968. An interconnection is being established, and the first transfer of power will take place early in 1969, but full interconnection between the two systems will not be complete until 1970. They are administered as a unit, however, on behalf of the 354 co-operating municipalities, and other Commission customers.

The East System comprises six regions — Western, Niagara, Central, Georgian Bay, Eastern, and Northeastern — while the West System comprises only the



DOCK EXTENSION AT LAKEVIEW GENERATING STATION — The last of three barges is manoeuvred into position prior to being filled with rock and sunk to provide a 1,200-foot extension to the breakwater at the east side of the circulating-water intake channel.

The extension is intended to protect the intake from a recurrence of conditions created early in 1968, when high winds from the east blew large masses of ice into the channel, severely restricting the flow of water and eventually resulting in the removal of two units from service for several days.

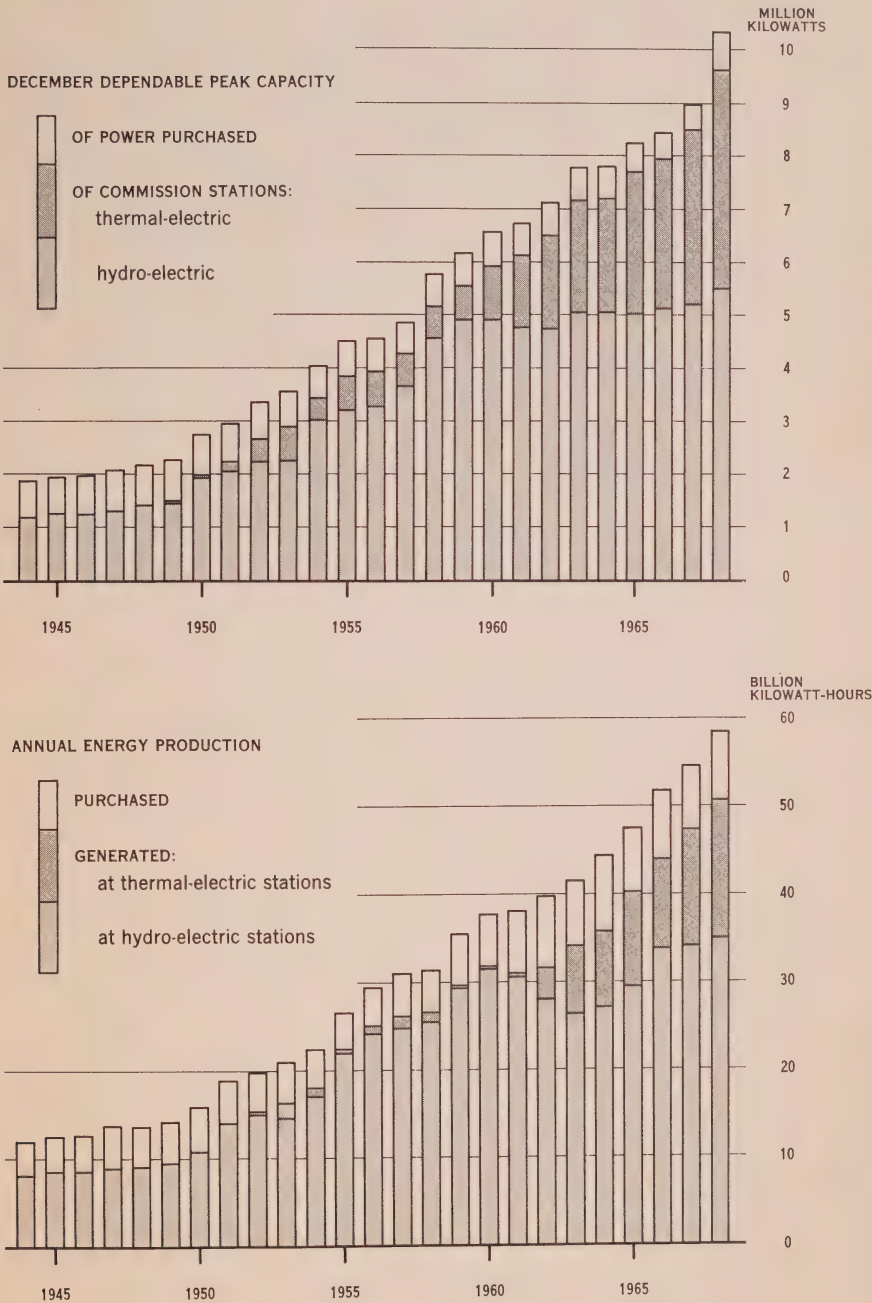
The work of extending the breakwater was effectively complete before the beginning of the 1968-69 ice season.

Northwestern Region. The dividing line between the two systems is roughly the boundary between the Thunder Bay District and the Districts of Algoma and Cochrane. The Commission maintains offices in seven suitably located cities for the purpose of providing local administration within the seven regions.

The Commission is primarily concerned with the provision of electric power by generation or purchase, and its delivery in bulk either for resale, chiefly by the associated municipal utilities, or for use by certain direct customers, for the most part industrial. This primary aspect of operations accounts for more than 90 per cent of the Commission's energy sales. The remaining sales are made to retail customers either in rural areas or in certain communities not served by municipal electrical utilities. Apart from this particular operation by the Commission, retail service throughout the province is generally provided by the associated municipal

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TOTAL POWER RESOURCES AND ENERGY PRODUCTION .....	3



electrical utilities, which are largely owned and operated by local commissions functioning under the general supervision of The Hydro-Electric Power Commission of Ontario as provided for in The Power Commission Act and The Public Utilities Act. Under this legislation, the Commission, in addition to supplying power, is required to exercise certain regulatory functions with respect to the municipal utilities served.

Financial Features

The basic principle governing the financial operations of the Commission and its associated municipal electrical utilities is that service is provided at cost. In the Commission's operations, cost of service includes payment for power purchased, charges for operation, maintenance, and administration, and related fixed charges. The fixed charges represent interest, an allowance for depreciation, and a provision for debt retirement. The municipal utilities operating under cost contracts with the Commission are billed throughout the year at interim rates based on estimates of the cost of service. At the end of the year, when the actual cost of service is established, the necessary balancing adjustments are made in their accounts. Retail rates for the municipal utilities are established at levels calculated to produce revenue adequate to meet cost.

The enterprise from its inception has been self-sustaining. The Province, however, guarantees the payment of principal and interest on all bonds issued by the Commission and held by the public. In addition, the Province has materially

STATISTICAL

	1959
Dependable peak capacity, December	thousand kw 6,155
Primary power requirements, December	thousand kw 5,556
Annual energy generated and purchased	million kwh 35,465
Primary	million kwh 31,546
Secondary	million kwh 3,919
Annual energy sold by the Commission	million kwh 32,073
Annual revenue of the Commission (net after refunds)	million \$ 213
Fixed assets at cost	million \$ 2,248
Gross expenditure on fixed assets in year	million \$ 154
Total assets, less accumulated depreciation	million \$ 2,548
Long-term liabilities and notes payable	million \$ 1,786
Transmission line	circuit miles 17,713
Primary rural distribution line	circuit miles 47,351
Average number of employees in year	15,866
Number of associated municipal electrical utilities	354
Ultimate customers served by the Commission and municipal utilities	thousands 1,830

assisted the development of agriculture by contributing under The Rural Hydro-Electric Distribution Act toward the capital cost of extending rural distribution facilities.

Annual Summary

Revenue from the sale of primary power and energy rose by 13.2 per cent from \$366.7 million in 1967 to \$415.0 million in 1968, while the cost of primary power allocated to customers rose by 14.5 per cent from \$371.1 million to \$424.8 million. Included in the 1968 cost is a \$23.6 million item representing a provision to the reserve for stabilization of rates and contingencies, together with interest on the accumulated reserve. The corresponding amount in 1967 was \$16.3 million. Revenue from the sale of secondary energy amounting to \$1.9 million was applied as an offset to the cost of primary power and energy, as corresponding revenue of \$2.6 million was applied in 1967. The amount of \$9.8 million by which revenue from sales to retail and direct customers fell short of the cost of power supply to these customers was withdrawn from the reserve for the stabilization of rates and contingencies.

Over one million kilowatts of capacity were added in 1968, the major additions being from three large thermal units at Lakeview Generating Station, and the extension of Barrett Chute Generating Station by two units.

While work continued on certain projects already in the capital construction program — at Lambton, Pickering, and Nanticoke, as well as at hydro-electric

SUMMARY

1960	1961	1962	1963	1964	1965	1966	1967	1968
6,526	6,734	7,088	7,756	7,776	8,199	8,464	8,995	10,338
5,746	5,949	6,293	6,797	7,210	7,818	8,565	8,964	9,994
37,709	38,212	39,885	41,471	44,399	47,528	51,753	54,615	58,693
32,717	33,861	35,783	37,644	40,632	43,584	48,056	51,357	55,789
4,992	4,351	4,102	3,827	3,767	3,944	3,697	3,258	2,904
34,317	34,807	36,684	38,466	41,115	44,213	47,944	50,725	54,816
229	236	249	270	289	311	336	367	415
2,361	2,462	2,567	2,665	2,762	2,894	3,125	3,361	3,669
132	124	114	108	110	150	211	252	329
2,660	2,780	2,702	2,753	2,824	2,987	3,190	3,443	3,749
1,844	1,918	1,938	1,959	1,999	2,106	2,237	2,400	2,618
17,831	17,971	18,120	18,642	18,826	19,050	19,342	19,492	19,908
47,896	48,068	48,562	48,993	49,173	49,435	49,863	50,316	50,534
15,179	15,097	14,920	14,387	14,531	14,996	15,361	16,651	19,550
354	354	355	355	357	360	358	355	354
1,881	1,939	1,991	2,042	2,096	2,142	2,188	2,246	2,292

sites on the Madawaska, Mississagi, and Montreal Rivers — a major decision was made in 1968 to proceed with two further large thermal-electric stations. In accordance with the Commission's policy to maintain an acceptable economic mix of hydro-electric, conventional thermal-electric, and nuclear-electric generation, one of the new developments will be a 3,200,000-kilowatt nuclear-electric station at Douglas Point, to be known as Bruce Generating Station, and the other will be a 2,295,000-kilowatt conventional thermal-electric station, near Bath on the shore of Lake Ontario, to be known as Lennox Generating Station.

GUIDE TO THE REPORT

Details of the Commission's activities, which have been briefly summarized in the foregoing paragraphs, are given in the six sections of the Report and their related appendices. Operations, finance, and customer relations are dealt with in the first three sections. The narrative in Section I dealing with the production, purchase, and delivery of power is supplemented in the text by reports of weather conditions, maintenance, communications, and forestry, all of which are related to operations. Supplementary tables are in Appendix I. Section II includes the Commission's Balance Sheet, Statement of Operations, and certain supporting statements of general interest. In Appendix II are other supporting schedules and accounts, including the statements of municipal sinking fund equities and of the allocation of the cost of primary power to municipalities. In Section III, consideration is given to various aspects of marketing and of service to the three main groups of the Commission's customers. Supplementary information on rural services is to be found in Appendix III. A subsection of Section III, in the form of reports from the regions, deals with certain activities relative to service in municipal utilities. Many of these activities have involved participation by, or the assistance of, members of the Commission's staff.

Engineering, construction, and research are discussed in Sections IV and V, the former dealing with the planning and construction of power facilities. It includes descriptions of the more important construction projects and statistics relative to these and other facilities for the generation, transformation, and delivery of power. Section V contains reports on the progress of some of the tests and investigations being conducted by members of the Commission's Research Division.

Section VI deals with aspects of employee relations, training, and staff administration.

A large part of the Report is devoted to aspects of retail service to ultimate customers, especially that provided by the municipal electrical utilities. The commentary on these activities and the statistical tables applicable to them are brought together in a supplement to the Report entitled *Municipal Electrical Service* beginning on page 145.

SECTION I

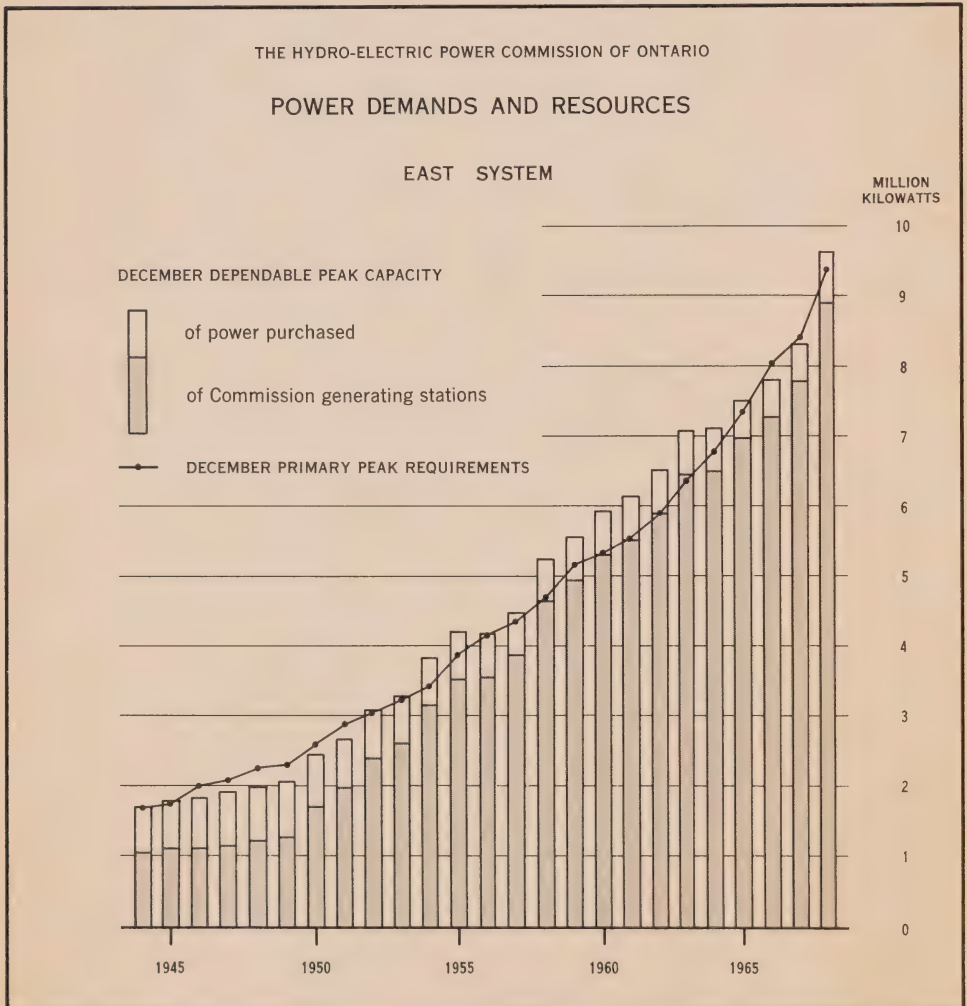
OPERATION OF THE SYSTEMS

DEMANDS for electric power grew strongly in Ontario during 1968. Early in January, cold weather led to the establishment on the Commission's East System of a new primary peak demand for the winter of 1967-1968, the first winter peak recorded in that month since 1959. Demands then declined seasonally but grew rapidly again in the fall, reaching annual peaks in December on both the East and West Systems that totalled 9,994,400 kilowatts. This exceeded the comparable figure for 1967 by 1,030,600 kilowatts, the largest annual increase in the Commission's history. In relative terms the increase was 11.5 per cent, the largest since 1955. Total primary energy demand in the East and West Systems was 55,789 million kilowatt-hours in 1968, 8.6 per cent more than in 1967.

The total December dependable peak capacity of resources available to meet power requirements on the two systems was increased in 1968 by 1,342,800 kilowatts, or 14.9 per cent, to a total of 10,338,100 kilowatts. Much of the increase was brought about by the placing in service of three coal-fired units at Lakeview Generating Station, two hydro-electric units at Barrett Chute Generating Station, and two combustion-turbine units at Thunder Bay Generating Station. A large increment of peak power is now considered as dependable at Robert H. Saunders-St. Lawrence Generating Station, where for some years peaking and ponding operations (variation through the day and during the week of flows through generating units) have supplemented the normal output of the station by about

200,000 kilowatts. This is done on a test basis, but within limits prescribed by the International Joint Commission. Since these operations over the years seem not to have adversely affected other interests, it was decided in 1968 to assume for resource purposes that peaking and ponding power would continue to be available on a dependable basis. The remainder of the increase resulted from the acceptance, as dependable, of the 200,000-kilowatt unit at Douglas Point Nuclear Power Station and of certain combustion-turbine units, all of which had been operated initially in 1967. The nuclear power station, though owned by Atomic Energy of Canada Limited, is operated by the Commission as an integral part of the East System.

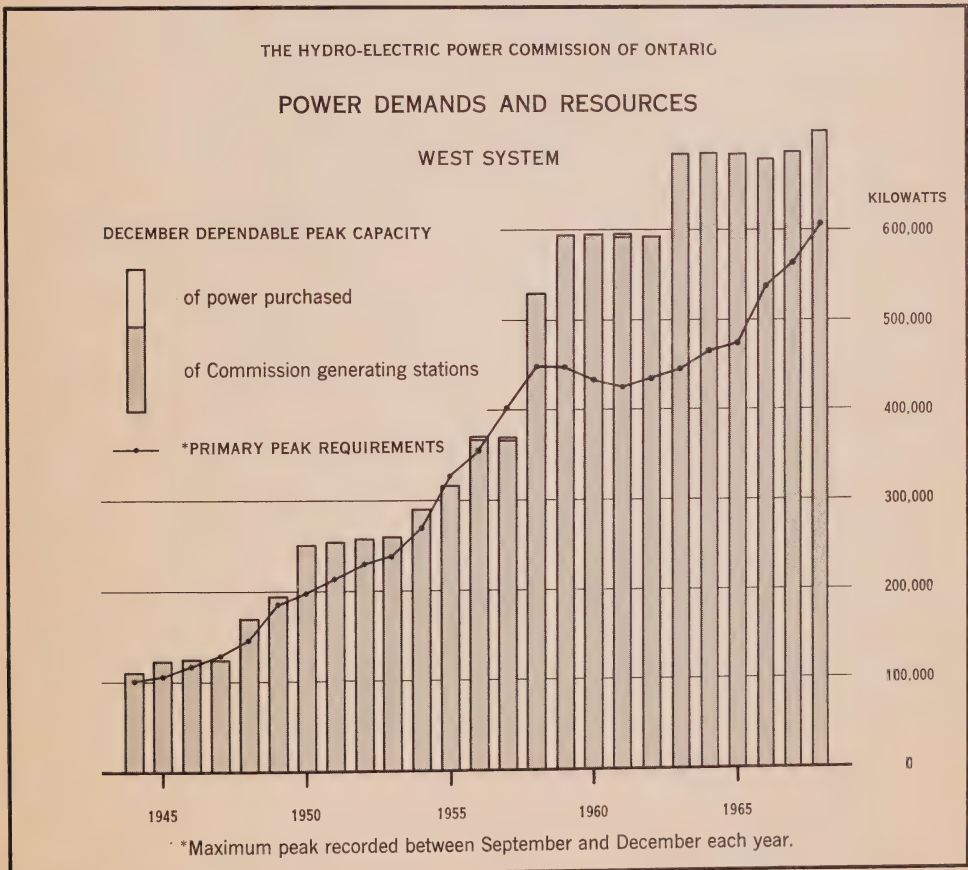
The Commission generated and purchased a total of 58,694 million kilowatt-hours in 1968, 7.5 per cent more than in 1967. Energy generated by hydro-electric



resources, at 35,072 million kilowatt-hours, was up 2.6 per cent from the 1967 level, largely because of improved flows on the Niagara and St. Lawrence Rivers and on rivers in the West System. The output of the thermal-electric stations was 15,861 million kilowatt-hours, up 22.1 per cent from the 1967 level. Purchased energy totalled 7,761 million kilowatt-hours, up 4.5 per cent from the 1967 figure. The rise reflected increased purchases from United States sources, and increased use of energy generated at Douglas Point Nuclear Power Station, which the Commission purchases from Atomic Energy of Canada Limited.

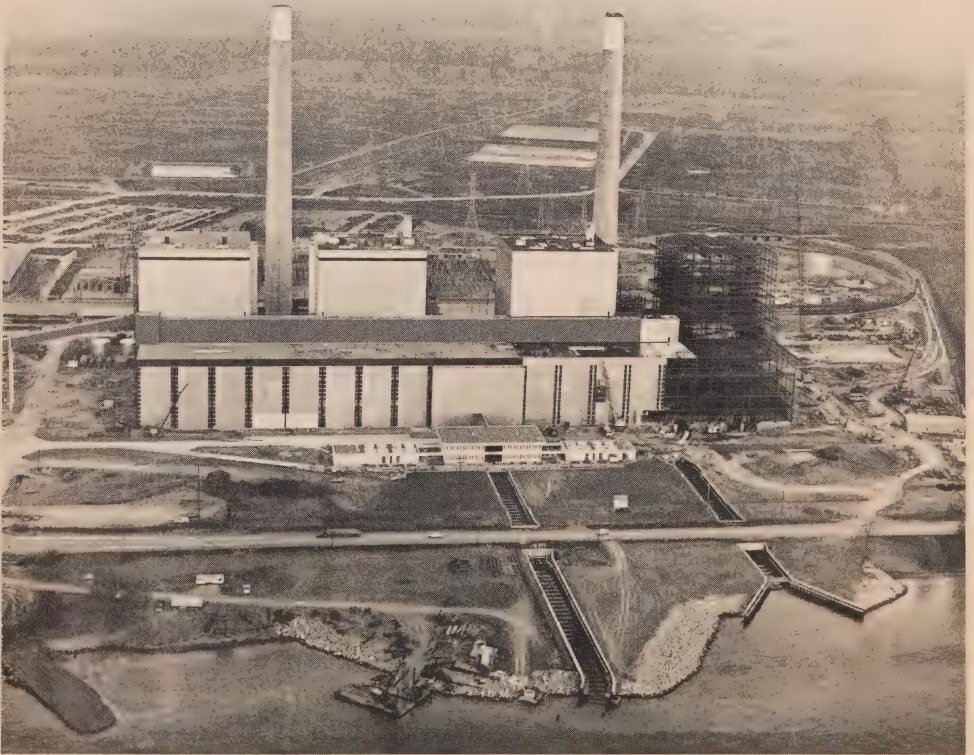
Stream-Flow and Storage Conditions

In the East System, spring freshet began earlier in the year than usual and was relatively short and low in volume; it came to an end throughout most of the system before the middle of May. Most major reservoirs were closely controlled so as to impound water, but by the end of May, many were still below normal. The total volume of usable water in storage improved during the summer and early fall. By the end of the year, however, it had been reduced to about 16 per cent below normal.



The annual mean flows of the Niagara and the St. Lawrence Rivers were both substantially higher than in 1967, and were respectively about 12.7 per cent and 17.6 per cent above the ten-year moving averages. On the Abitibi and the Ottawa Rivers, however, annual mean flows were much lower than in 1967; in 1968 they were respectively 1.4 per cent and 9.9 per cent below the ten-year moving averages.

In the West System, lake levels declined steadily during the first few months of 1968, and the volume of usable water in storage averaged about 25 per cent below normal. Throughout most of the system, freshet flows began during the second half of April, but in the far northwest they were delayed by cold weather until mid May. The freshet continued throughout the system, however, until the end of June, and lake levels rose steadily during this period. Heavy rainfall during much of the rest of the year further increased storage, which was maintained on the average at about 15 per cent above normal. This required spillage of considerable amounts of water in order to maintain reservoir levels at or near seasonal normal values.

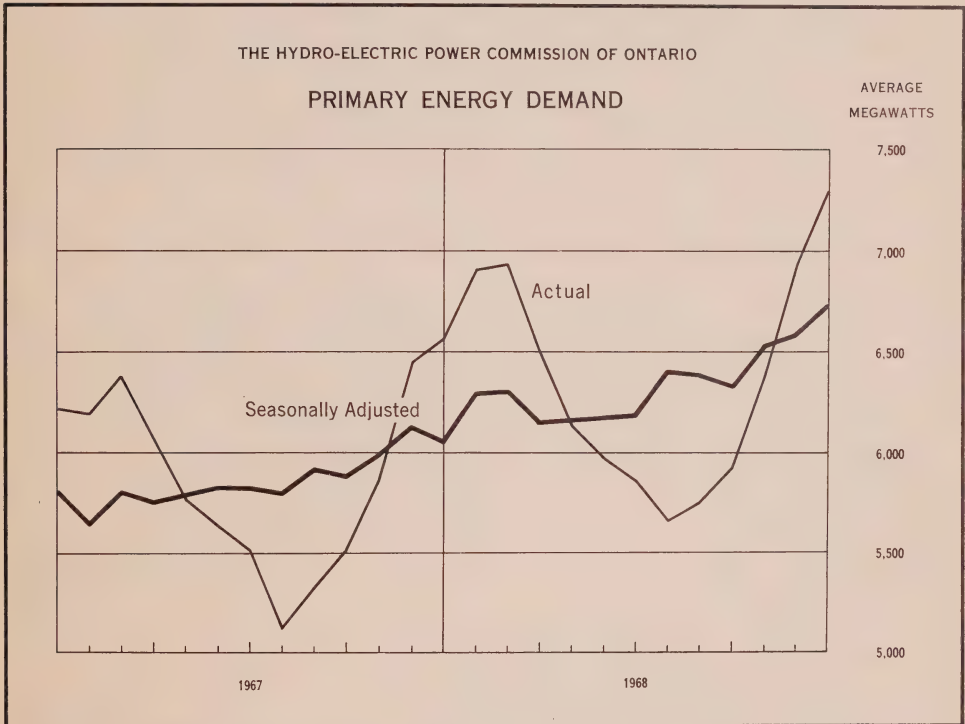


LAMBTON GENERATING STATION, NEAR SARNIA — The structural steel for the remainder of the station was erected by the autumn of 1968. The two 550-foot chimneys are an impressive feature of the present structure.

The boiler for Unit 2, the first unit to be placed in operation, was fired for the first time in November 1968.

Operations Summary

During 1968 there was a decline in deliveries of energy from suppliers in the Province of Quebec, where storage conditions were not as good as they had been in 1967. An arrangement whereby the Commission purchased 10,000 kilowatts of short-term power from the Maclaren-Quebec Power Company, in effect since October 19, 1967, was terminated on March 31, 1968, and in November, because of poor storage conditions, the Company reduced its contractual delivery by about 10 per cent. Hydro-Quebec chose to supply part of its Gatineau contractual commitment from Beauharnois Generating Station from September through to the end of the year in order to conserve storage on the Gatineau System.



COMBINED SYSTEMS ENERGY DEMAND SEASONALLY ADJUSTED — With the regularly recurring seasonal pattern eliminated, the seasonally adjusted curve of load growth indicates a 1968 trend at approximately the same slope as in 1967.

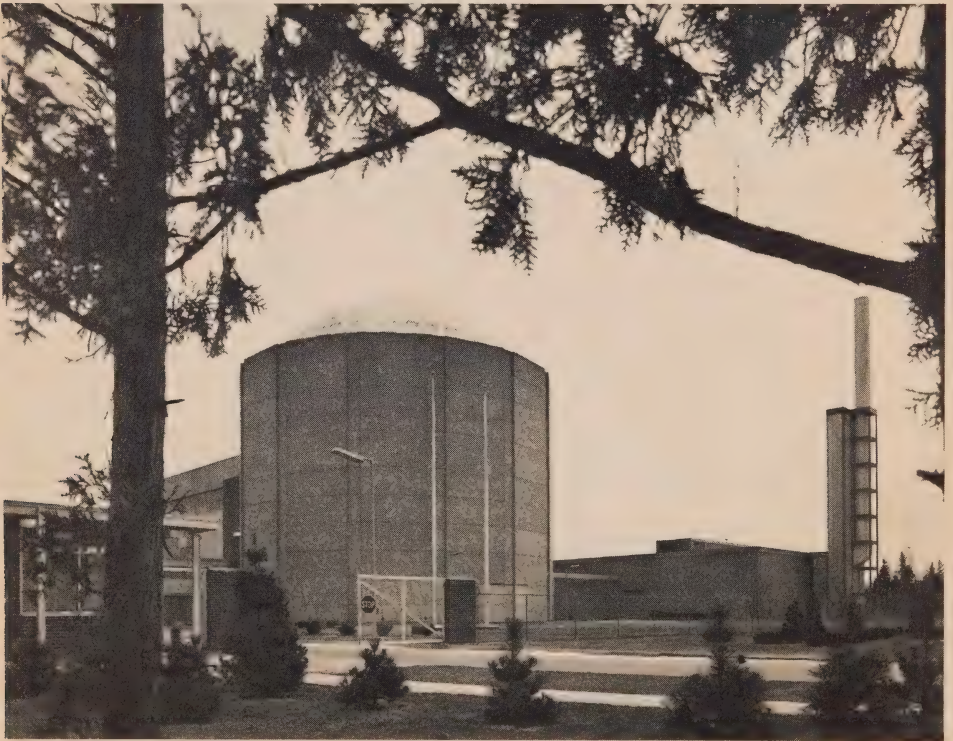
In late November, because of delays in repairs to two Lakeview Generating Station units, the margin of power reserves in the East System was reduced to the point where the Commission thought it advisable to inform the municipalities that some temporary load shedding might be necessary if any serious break-down in generating facilities should occur. Fortunately no such contingency arose either in November or December, and municipal load shedding was not required, although on several occasions loads of certain large industrial customers were cut as permitted under the provisions of their interruptible power contracts. Over the period of the East System annual peak demand, which occurred late in the afternoon of December 16, these interruptible loads were cut by a total of

149,000 kilowatts, leaving 9,239,000 kilowatts to be carried by system resources. One of the Lakeview Generating Station units that had been under repair was returned to service early in December, and at the time of annual peak seven units at the station were in operation. Later the same evening, the other unit under repair was returned to service, and all eight 300,000-kilowatt units at the station were operated simultaneously for the first time.

During the winter of 1967-1968, the Commission was able to provide additional power to the Great Lakes Power Corporation as assistance in meeting its requirements over a protracted period of severe water shortage. By late spring this assistance was no longer required, and by October 1968 the Corporation was able to resume deliveries of economy energy to the Commission.

The Commission purchased from Atomic Energy of Canada Limited 799 million kilowatt-hours of energy generated at Douglas Point Nuclear Power Station during 1968. The station reached a peak output of 200,000 kilowatts for the first time on March 8, 1968, and was rated as dependable at that output on September 26.

The current expansion in nuclear-electric operations is reflected both in staff increases and in a broadening range of related activity. The average number of



DOUGLAS POINT NUCLEAR POWER STATION — Its trim tidy appearance quietly harmonizing with the natural surroundings, the Douglas Point Station, now in its third year of operation, is providing valuable experience for the operation of future nuclear-electric stations. Although it is still undergoing modifications, it operated reliably during the 1968-69 winter peak period.

persons receiving instruction at the Nuclear Training Centre during 1968 was 225, including representatives from Hydro-Quebec, India, and Pakistan.

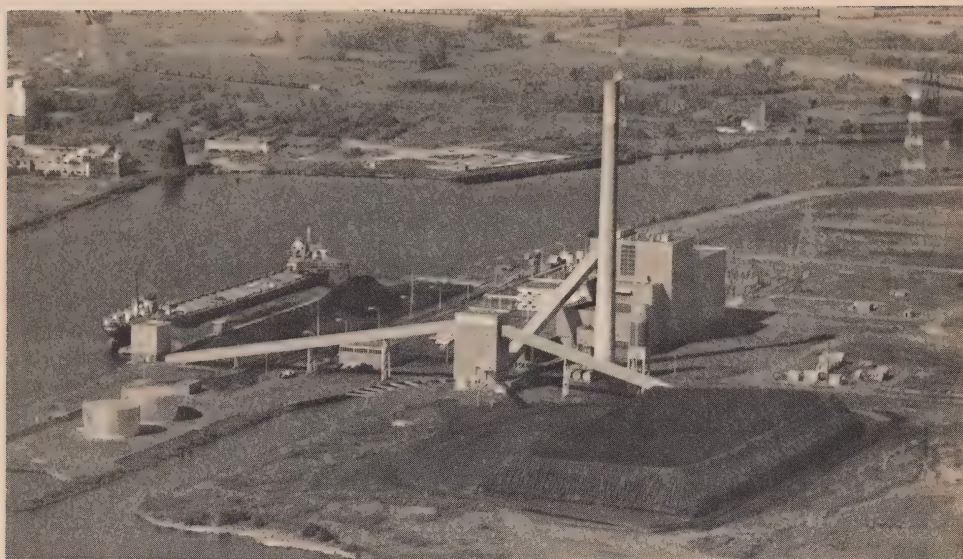
A team of 20 has been selected for the purpose of assisting in the commissioning of the CANDU-type station at Rajasthan, India, and in the training of the Indian operating staff there. Some have been located at the Atomic Energy of Canada power projects design offices in Sheridan Park to study the Rajasthan Power Project station-systems design in preparation for the commissioning of the station, while others have been gaining experience in nuclear-station operation and maintenance at Douglas Point and the Nuclear Power Demonstration station. The team is expected to go to India in the spring of 1970. A group of employees already experienced in nuclear-electric operations has also been engaged in design and commissioning study at Sheridan Park in preparation for their transfer to Pickering Generating Station in the spring of 1969.

The 200,000-kilowatt Douglas Point unit was in service from time to time throughout 1967, more extensively in 1968, and during the 1968-69 winter peak period from December 1, 1968 to February 28, 1969, it operated at a capacity factor of approximately 47 per cent. While the fuelling machines have been accepted for routine use for the replacement of fuel when the reactor is shut down, further experience is required before fuelling under load is attempted. A demonstration run scheduled to take place during the winter-peak period was postponed, and operation was interrupted as required at the week-ends for refuelling.

Two major planned outages took place during 1968, one between March 15 and April 12 to permit commencement of work on changing the boiler room to a dry atmosphere to facilitate the recovery of heavy water, and the other between May 21 and July 21 for the introduction of operating improvements. Among the latter were improvements in the detection and correction of heavy-water leaks, modifications to increase tightness against leaks in the reactor building, modification of various components in the heat-transport system, and the commissioning of an additional standby diesel generator.



FUEL STORAGE FOR DOUGLAS POINT NUCLEAR POWER STATION — 600 fuel bundles are stored in styrofoam containers at the plant of the manufacturer. Each bundle contains 19 Zircaloy tubes filled with cylindrical pellets of uranium oxide. In the reactor, this nuclear fuel which weighs about 33 pounds will produce the heat equivalent of 400 tons of coal.



With a resurgence of growth in demands for electric power in the Commission's Northwestern Region, increasing use is being made of the 100,000-kilowatt coal-fired unit at Thunder Bay Generating Station in Fort William, at the head of Lake Superior. The self-unloading ship is delivering coal taken on at a United States port on Lake Erie.

The 20,000-kilowatt Nuclear Power Demonstration unit, after successful operation with pressurized heavy water as the heat-transport medium, was shut down on June 15 for major mechanical modification which would permit heat-transport operation in the boiling mode, and the unit was so operated when it was replaced in service for the 1968-1969 winter-peak period.

In the West System, hydro-electric generation improved markedly as a result of the above-normal storage and run-off conditions that prevailed from June to the end of the year. Total hydro-electric output in 1968 was 4,029 million kilowatt-hours, 13.8 per cent more than in 1967. The increased hydro-electric output permitted secondary energy sales, suspended early in 1967, to be resumed in July 1968, although sales were restricted to week-day night-time periods beginning at about the middle of October.

The coal-fired unit at Thunder Bay Generating Station was used to generate 110.8 million kilowatt-hours in 1968, 18.5 per cent more than in 1967. The two combustion-turbine units at the station were both placed in operation early in 1968, and were used to generate about 1.4 million kilowatt-hours during the year.

Violent or extreme weather caused severe operating difficulties on a number of occasions in 1968, particularly during the first half of the year.

Early in January, extreme cold led to the formation of anchor ice on the bed of the Niagara River. This sharply restricted the flow of the river, on one day by an average of 39,000 cubic feet per second, and for short periods by as much as 50,000 cubic feet per second, or more than one-third of the usual total winter diversion available for power production at generating stations on the Canadian

and United States shores. A concurrent effect of the cold weather was to increase customers' demands, and in order to maintain adequate reserves of power the Commission found it necessary to obtain capacity assistance from neighbouring systems, to cut interruptible industrial loads, and to make increasingly extensive use of combustion-turbine units.

Near the middle of January, high winds from the east drove large masses of ice into the circulating-water intake channel at Lakeview Generating Station. The resulting blockage restricted flows, and forced two units out of service for intermittent but extensive periods over several days. Attempts were made first to melt the ice with thermite charges, and later, with some success, to remove it from the channel with a dragline crane. Final clearance of the blockage, however, came about largely as a result of a rise in water temperature and a change in the wind. In order to reduce or eliminate similar difficulties in future, the breakwater at the east side of the channel entrance has been extended 1,200 feet farther out into the lake by three barges, which have been towed into place, filled, and sunk. This work was essentially complete before the beginning of the 1968-1969 ice season. As a further remedial measure, the Commission now plans facilities that will divert controlled amounts of warmed circulating-water outflow into the intake channel in order to prevent blockage by melting the ice blown in from the lake.

STUDY OF ANCHOR ICE FORMATION —
Men working from the deck of an Ontario Hydro ice breaker are raising an ice-covered collector tray from the bed of the Niagara River where it has been submerged overnight as part of a study of the formation, movement, and dissipation of ice in rivers.

These phenomena may significantly affect river flows and thus the operation of hydro-electric stations. They have special interest for the Commission, which has made a study of them as a contribution to the International Hydrologic Decade sponsored by the United Nations Educational, Scientific, and Cultural Organization (UNESCO).





LASER BEAM IN UNDERWATER CONTOUR SURVEY - 1 — What would have required weeks of work by conventional methods was completed in three days, when a survey of the bed of the lake adjacent to Lakeview Generating Station was carried out with the aid of a beam of light amplified by stimulated emission of radiation.

The beam, emitted by an instrument mounted on a standard transit on shore and powered by a 12-volt battery, indicated the line to be traversed by the survey craft.

A series of thunderstorms with extremely high winds swept across southern Ontario on June 11. The wind toppled one tower on the 500-kv transmission line between Kleinburg and Hanmer Transformer Stations and three towers on the double-circuit 230-kv line between Hanover Transformer Station and Douglas Point Nuclear Power Station. Each of these lines was out of service for several days while temporary or permanent repairs were made.

Strikes at aluminum plants in Massena, New York, which began on June 2, reduced loads at Massena and resulted in overloads on circuits extending southward from the Robert Moses-St. Lawrence Powerplant of the Power Authority of the State of New York. To relieve this condition, Ontario Hydro adjusted the phase-shifting transformer at St. Lawrence Transformer Station which controls the flow of power over the interconnection there with PASNY. This reversed the flow of circulating power around Lake Ontario from the normal direction, and forced excess power from the PASNY generating station to enter the Ontario Hydro System and flow to the Central Region via 230-kv circuits from the Eastern Region until after the strikes at Massena were settled on August 4.

Severe ice storms wrought considerable damage on two occasions. On January 13 and 14, 1968 a storm with freezing rain moved across parts of the East System bordering on eastern Lake Erie and western Lake Ontario, and caused numerous and extensive interruptions to service, particularly in the vicinity of London, Brantford, and Toronto. Approximately 80 line crews from the Commission's Central, Niagara, and Western Regions, aided at times by crews from adjoining regions, worked throughout the storm, and until service was restored to customers of both the Commission and the affected municipal utilities. A similar though fortunately less severe storm struck the areas along the shore of Lake Erie and around London and Niagara Falls a few days before the end of the year.

LASER BEAM IN UNDERWATER CONTOUR SURVEY - 2 — The pilot of the survey boat wears a blackened protective visor as he follows the laser beam path laid out for his survey of the depth of the lake bed. A two-way radio was used to locate the beam, which is so narrow that it is lost if the boat swings more than two feet to either side of the path required.



Protection, Control, and Communications

The increased interdependence of the utility members of the CANUSE power pool has required the establishment of a New York Pool Control Centre at Albany, New York. As its contribution to the co-operative effort in this operation, Ontario Hydro is providing telemetering to the new control centre of certain interconnection loads. Corresponding information on loading on certain inter-system tie-lines in New York will be transmitted to the Richview Control Centre as an aid in system operation.

Under a new service and interconnection agreement with Bell Canada negotiated early in 1968, the Company will provide services and facilities for the Commission's communication needs and will interconnect certain Commission facilities with its own. The new contract, replacing an earlier agreement in effect since 1952, will cover an initial period of five years commencing retroactively from January 1, 1967 and be renewable thereafter from year to year, subject to six months' notice of termination by either party.

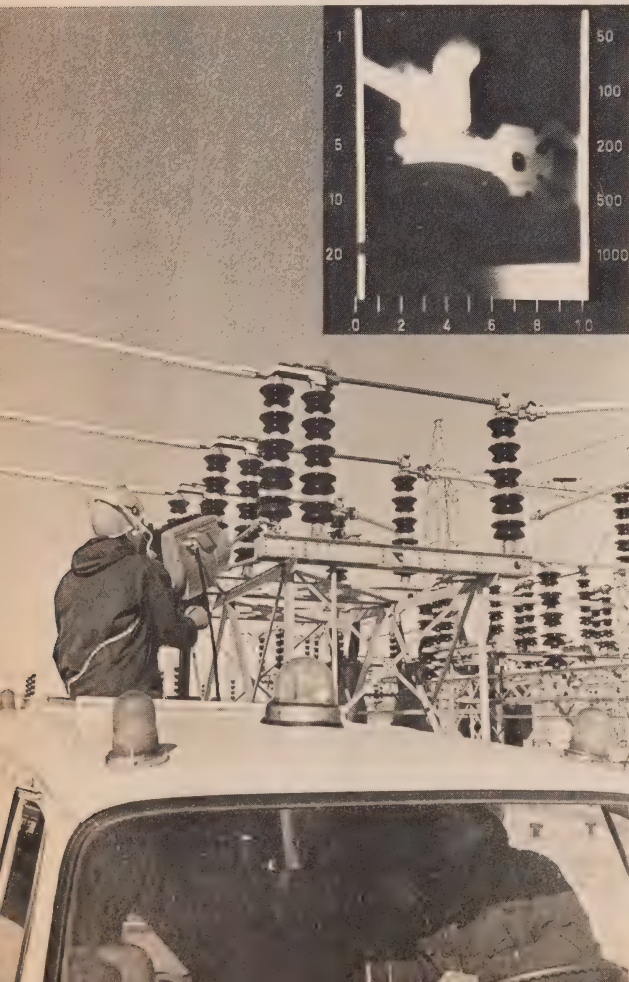
A further 100 digital demand recorders were added to the Commission's distribution facilities in 1968, bringing the total now installed to 400. A study was instituted on the feasibility of extending such a data acquisition system, with the possibility of using a central digital computer to provide operating, cost, and statistical data on a province-wide basis.

MAINTENANCE OF THE SYSTEMS

Electrical Maintenance

Two interesting new developments were introduced in electrical maintenance during 1968. One was the application of aerial lift equipment in the maintenance of high apparatus or equipment mounted on station structures. Conventional bucket trucks have been used in this work, and in addition study is being given to the development of aerial devices specific to this purpose. The other new development was the use of continuous scanning by infra-red equipment in assessing the reliability of electrical connections. This equipment produces an image of the thermal condition of all equipment within its field of coverage. Of the thousands of electrical connections examined, approximately 230 gave evidence of a need for further investigation. The analysis of the results so obtained will determine the frequency and detailed procedures required for further tests necessary to ensure economical maintenance of reliability for the large number of power connectors on the system.

In the continuing work of rehabilitation of generating facilities at Sir Adam Beck-Niagara Generating Station No. 1, a 55,000-kva generator was rewound with new stator and field windings after 44 years in service. Another major rehabilitation program to which reference has been made in earlier Reports is



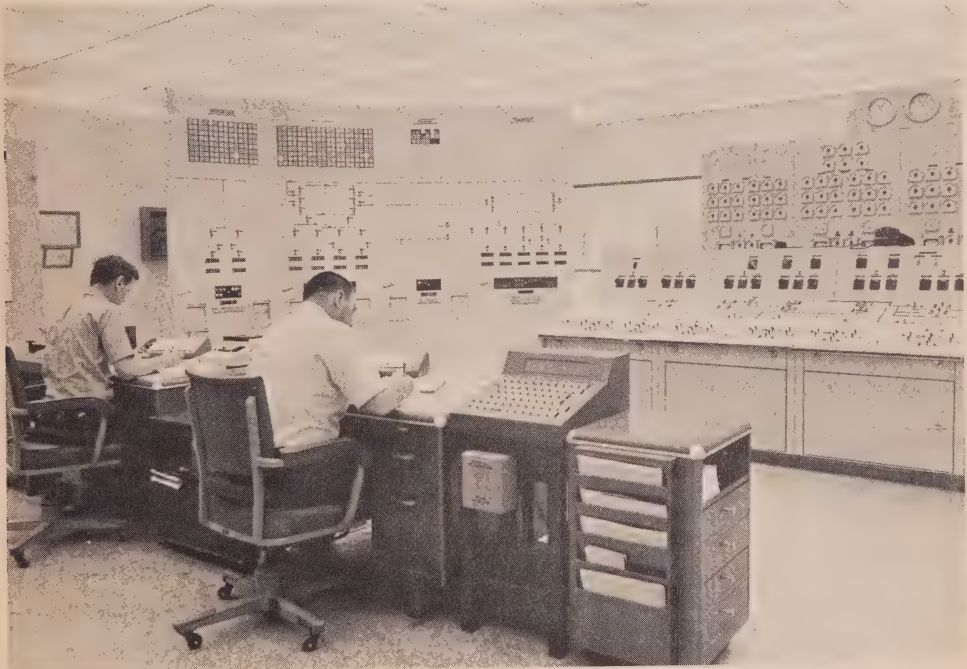
INFRA-RED CAMERA FOR MEASURING TEMPERATURE RISE OF LIVE ELECTRICAL APPARATUS — Conveniently mounted on a van for use in reasonably accessible locations, an infra-red camera produces an image (see inset) of the thermal condition of all equipment within its field of coverage.

that for the identification and, where necessary, the replacement of inferior high-voltage bushings. The most seriously deteriorated bushings have now been replaced, and the testing program is considered adequate for the identification of any equipment approaching a state of unreliability.

Major equipment failures during the year were confined largely to power transformers. Seven large transformers required winding replacement after failure, among them two from a group of 215,000-kva autotransformers. Analysis of the failure of these two as representative of the group indicates that they are barely adequate for today's conditions of service on a large system. They have been rebuilt in accordance with the latest design, and with the use of improved materials. A rehabilitation program for the other autotransformers in this group is being considered because of their capacity and function in the system.

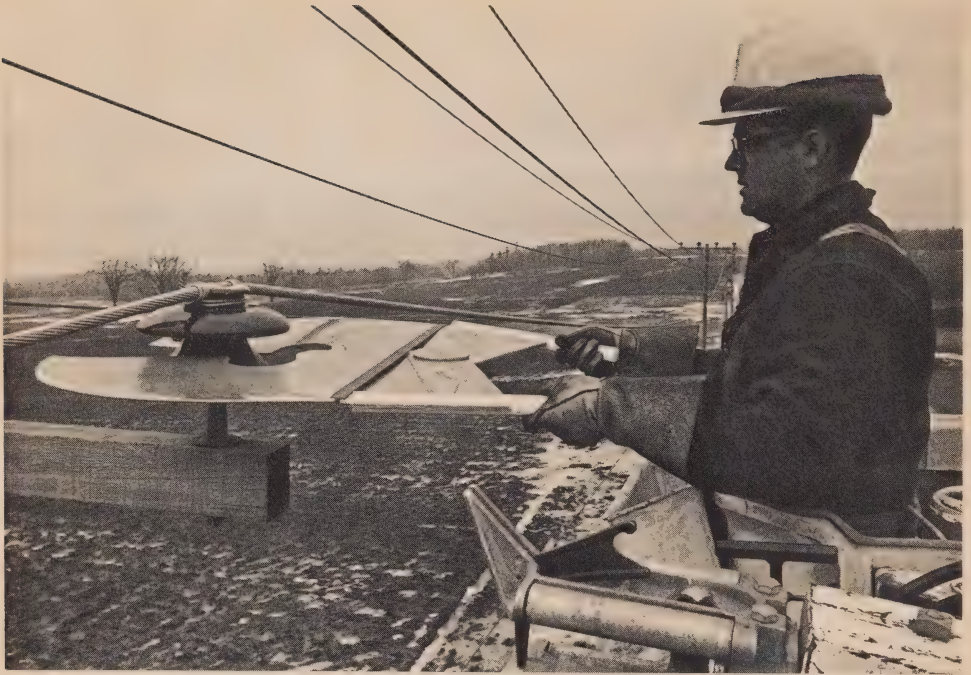
The generators associated with 13 combustion turbines gave some trouble after their installation. The rotors were removed for repairs to increase the security of the support for the field windings.

Fourteen members of the electrical maintenance training program who completed the course in 1968 are now employed as power maintenance electricians.



CENTRAL CONTROL ROOM FOR MADAWASKA RIVER STATIONS — The generating units and sluiceways at Mountain Chute, Barrett Chute, and Calabogie Generating Stations are all controlled from this room at Chenaux Generating Station on the Ottawa River. Control of Stewartville Generating Station will be added to the system when extension of the station is completed in 1969.

The operators can use one of two duplicate consoles at their desks to select the station, the unit, and the function to be controlled, and to obtain a display of the necessary telemetered control information.



INSULATING SHIELD FOR LIVE-LINE WORK — Specially developed to facilitate bare-hand work on live lines at 27.6 and 44 kv, this polyethylene plate, three feet in diameter, is fitted between two skirts of an insulator to protect the lineman from accidental contact with the pin or cross-arm when he is tying or untying live conductors.

Twenty new members joined the course in 1968, bringing the total number of apprentices in the program to 104 at the end of the year.

Line Maintenance

The restringing of 12 miles of 115-kv wood-pole transmission line between Stewartville Generating Station and Arnprior was completed without interruption to customer service. One conductor was placed out on extensions while the replacement conductor was strung in. When this was introduced into the circuit, the former conductor was disconnected, and the process was repeated for each of the other two conductors.

The completion of a two-year study of the effects of cathodic protection for plastic-insulated submarine cable unfortunately does not confirm the tentative promise of success indicated in the 1967 Report. The protection of armour by the installation of galvanic anodes is not now regarded as dependable.

The use of infra-red photography in the aerial detection of hot joints in transmission lines was investigated in conjunction with work initiated by the National Research Council. A simulated hot joint placed on a tower near Peterborough was checked from a height of from 500 to 1500 feet, and the results are being evaluated. Consideration is also being given to the use of a helicopter equipped

with infra-red television devices for the detection of hot joints on transmission lines in remote areas of the province. In more accessible locations, this work will be done by equipment installed in a van.

An insulating shield to facilitate bare-hand work on live lines at 27.6 and 44 kv has been developed. A polyethylene plate, three feet in diameter, is fitted between two skirts of an insulator to prevent the lineman from making accidental contact with the pin or crossarms when he is tying or untying live conductors. The operation can thus be done by hand rather than by live-line tools, with considerable saving in time.

Preparatory to changing over a section of 12.5-kv distribution line to operation in 1969 at 25 kv, line crews replaced the insulators by hand, using rubber gloves. New work methods were developed including the mandatory use of insulated pole platforms. The safety rules have been revised, modern glove-testing equipment has been introduced, as well as simplified glove-handling procedures, and the test voltage to which gloves are subjected has been raised to 25 kv.

In their line patrol activity, the Commission's helicopters inspected approximately 120,000 circuit miles of transmission line during the year. They were also used extensively for survey and construction work on the East System-West System tie-line, transporting steel and other material in inaccessible territory, and logging some 2,500 hours of flying time on the transportation of line crews and supervisory staff. The helicopters also provided useful service in photography, ice control, right-of-way spraying, and other miscellaneous assignments.

LIVE-LINE TOWER RAISING — The modifications necessary to permit the current-carrying capacity of this transmission line to be increased were carried out without interrupting the flow of power. Part of the operation required the raising of this tower by 10 feet and the installation of a new steel base to maintain the increased height.



In order to meet the need for more versatile types of helicopters, newer models with higher horsepower ratings are being introduced into the fleet. They will gradually replace older models, without change in the total number of machines.

Mechanical Maintenance

Cavitation erosion occurring over a period of years necessitated the replacement in 1968 of eight turbine runners at Kakabeka Falls Generating Station and two at Cameron Falls Generating Station. The material in the damaged runners was not suitable for being repaired.

A turbine shaft at George W. Rayner Generating Station, which was bent as the result of the failure of water lubrication to the bearing, was repaired by machining for the removal of the bend, followed by rebuilding to size by metal spray. The procedure for installing temperature-sensing elements in bearings of this type was accelerated because of this occurrence, although such installations have for some time been made whenever the equipment was dismantled for maintenance.

The Commission's staff completed a major welding operation on the job after a crack was observed in a reheat steam chest of Unit 1 turbine at Lakeview Generating Station. Later in the year, repairs of a similar type were carried out on both reheat steam chests of Unit 4 by contractors on behalf of the manufacturers. The station staff at Thunder Bay Generating Station installed major modifications on two of the four coal pulverizers. These give promise of improved reliability and reduction in maintenance cost.

The number of fitter-mechanic apprentices was raised from 10 in 1967 to 27 in 1968. Some apprentices in the Niagara Region are being trained for prospective employment as thermal fitter-mechanics at Nanticoke Generating Station.

Over a period of about six years, there has been increasing evidence of leakage from the forebay at DeCew Falls Generating Station. By the spring of 1968, as much as 540 gallons per minute were rising through the overburden about 120 feet from the downstream toe of the reservoir dike, and falling in a stream over the escarpment. When the reservoir level was lowered approximately 17 feet below normal, a gap in the clay blanket of the reservoir bed was disclosed. Dye testing established this as the source of the leakage. Remedial grouting was later satisfactorily completed.

Forestry

Forestry work in the pruning and removal of trees was carried out on 16,000 miles of transmission and rural distribution lines. Removal was required for approximately 40 per cent of the trees requiring treatment.

A new vehicle developed for use in this work will be available for test in the field early in 1969. It will have a dump body, a truck-mounted aerial device, and a hydraulically driven chipping unit with jib boom and hydraulic winch. The new

equipment is expected to be lower in purchase cost than the present type of truck with aerial device and trailer-mounted chipper, and also to prove less costly in chipper maintenance.

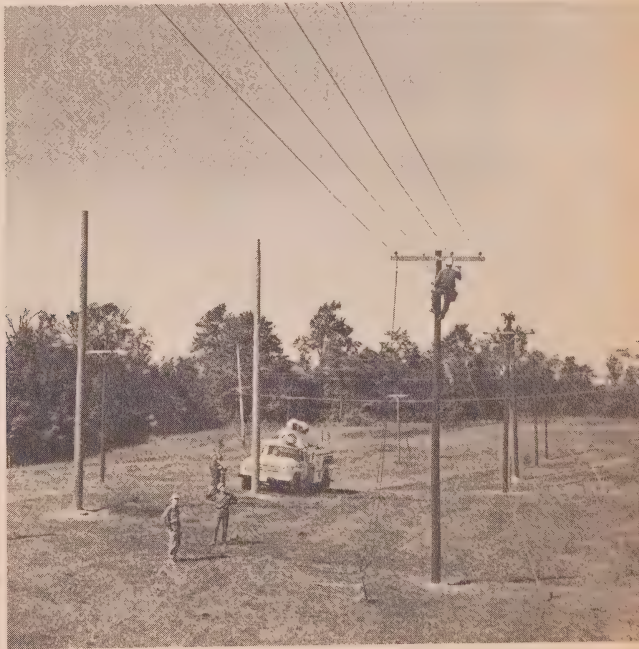
In conformity with requirements of the Provincial Pesticides Act of 1967, approximately 300 employees normally engaged in spray operations took refresher courses in preparation for a licencing examination, and received the necessary licences for the 1968 spraying season.

In the 1968 aerial spray program, a new "microfoil" spray boom was leased for a test application on 1,650 acres of right of way in the Northwestern Region. This device differs from the conventional diaphragm nozzle boom in that it ejects the spray through hundreds of steel capillary tubes resembling hypodermic needles. These are mounted on the trailing edge of the boom. Preliminary observation indicates that the equipment is adequately effective and that it has several advantages. There is no need to thicken the spray material, higher flying speed is possible with excellent control of drift, and the quantity of spray used per acre is lower.

With a view to establishing a satisfactory program for future land use and forest management, an effort is now being made to classify the more than 100,000 acres of land owned by the Commission. A survey of some 5,000 acres already completed in the Georgian Bay Region will be extended into other Regions in 1969.

LINEMEN IN TRAINING — One of the many training facilities of the Commission's new Conference and Development Centre is its line maintenance section.

The Commission will send nearly 300 linemen to the centre for instruction in 1969, men in the first three years of the course for two weeks, and those in the fourth year for three weeks. Two courses given at the centre in 1968 for municipal utility staff will be supplemented by second-year courses in 1969.



Approximately 103,000 seedling trees were planted during the year, the large majority in the Eastern and Georgian Bay Regions.

SECTION II

FINANCE

IN this section of the Report, the Statement of Operations is followed by the Balance Sheet and three supporting statements — Equities Accumulated through Debt Retirement Charges, Reserve for Stabilization of Rates and Contingencies, and Source and Application of Funds. Supporting statements and schedules are in Appendix II, which includes a detailed statement of the allocation of the cost of primary power to municipalities. This statement itemizes for each municipality its share of the total cost of power, the amount billed under its interim rate, and the resulting refund or additional charge.

The statement of assets for the pension and insurance fund is set out separately in the Staff Relations section on page 91.

Revenues and Costs

Revenues in 1968 were 13.2 per cent greater than in 1967, rising by \$48.2 million to \$415.0 million. While there were significant rate increases to municipalities and to retail customers, the larger revenues were primarily attributable to growth in the demands for power. By comparison with results in 1967, revenue from municipalities was up by \$33.3 million or 15.2 per cent, revenue from retail customers by \$7.9 million or 9.0 per cent, and revenue from direct customers by \$7.0 million or 11.9 per cent.



PICKERING GENERATING STATION — Placing concrete for the cylindrical, domed, reactor buildings had reached this stage of progress by the end of 1968; the concrete base for the Unit 4 building is in the left foreground. The powerhouse, under construction to the left of the reactor buildings, will house four 540,000-kilowatt units.

In 1968, interest added to the Reserve for Stabilization of Rates and Contingencies has been included with the reserve provision on the Statement of Operations. Costs, before this reserve provision, rose from \$354.7 million in 1967 to \$401.2 million in 1968. Operating, maintenance, and administrative expenses increased by \$15.2 million. Fuel used for electric generation exceeded corresponding costs in 1967 by \$10.4 million, reflecting the increasing dependence on thermal-electric generating facilities to meet the growth of customer requirements. In addition, the cost of power purchased was \$5.4 million greater than in 1967. There was an increase of \$7.5 million in interest expense, due in part to an increase in debt from borrowings and in part to higher rates. As a reflection of the continued growth of fixed assets in service, the provision for depreciation was \$3.2 million more than in 1967.

Financial Position

Expenditures on fixed assets during the year amounted to \$329.3 million, including \$142.3 million on thermal-electric generating facilities, \$50.5 million on

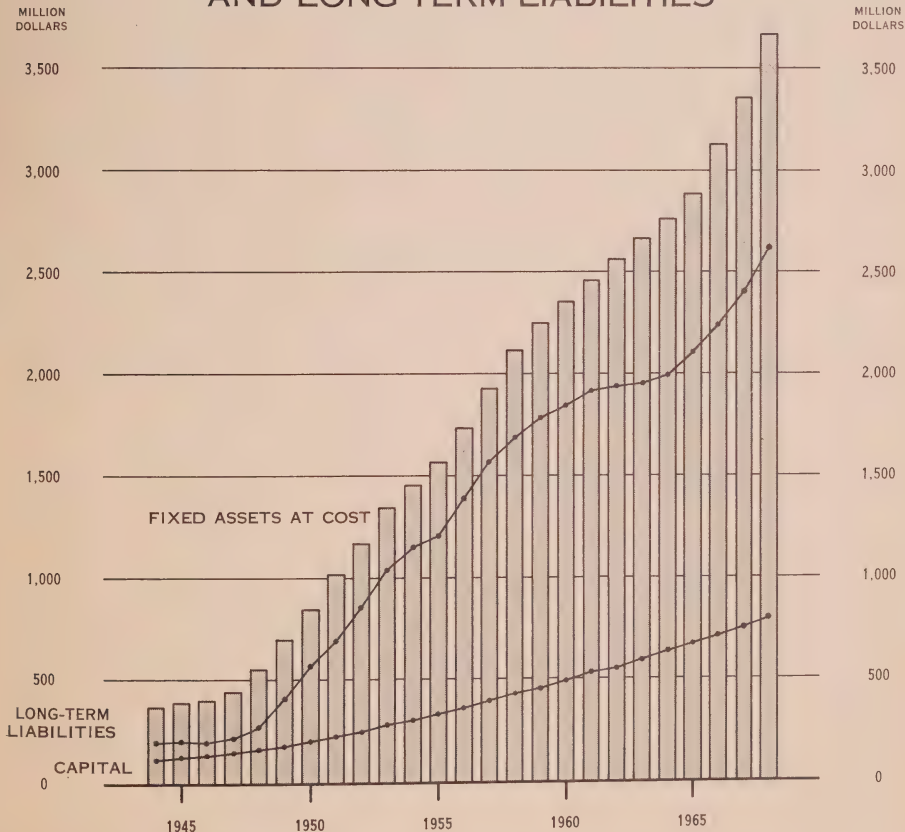
hydro-electric generating facilities, \$91.7 million on transformer stations and transmission lines, and \$23.3 million on retail distribution facilities.

Expenditures on thermal-electric generating facilities include the Commission's share of expenditures on Pickering nuclear generating station which was \$51.5 million, in addition to expenditures of \$55.8 million on Lambton Generating Station, \$21.0 million on Lakeview Generating Station, and \$11.9 million on Nanticoke Generating Station. The major outlays on hydro-electric generating facilities were \$17.0 million on Aubrey Falls Generating Station on the Mississagi River, \$11.2 million on Lower Notch Generating Station on the Montreal River, and \$6.6 million on Stewartville Generating Station on the Madawaska River.

The Commission's debt from borrowings amounted to \$2,618.1 million at December 31, 1968, as compared with \$2,399.8 million at December 31, 1967.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

FIXED ASSETS, CAPITAL, AND LONG-TERM LIABILITIES



The net increase of \$218.3 million during the year represents \$153.1 million in bonds and advances and \$65.2 million in notes. During 1968, the Commission issued bonds amounting to \$165.0 million payable in Canadian funds and \$105.4 million payable in United States funds.

Equities accumulated through debt retirement charges amounted to \$675.6 million at December 31, 1968, compared to \$633.1 million at the end of 1967. The net increase during 1968 of \$42.5 million represents charges to operations of \$42.6 million, less an adjustment of prior years' matured equities of \$0.1 million.

The balance in the Reserve for Stabilization of Rates and Contingencies amounted to \$183.4 million at the end of 1968, up \$15.9 million from the balance at the end of 1967. The reserve is used to moderate the effects on cost brought about by variations in stream flows, loads varying from the levels forecast, major physical damage to plant and equipment or their premature retirement, fluctuations in exchange on debt payable in United States funds, and other contingencies arising from operations.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENT OF OPERATIONS
for the Year Ended December 31, 1968
 (with comparative figures for 1967)

	1968	1967
	\$	\$
REVENUES		
from Municipalities	252,915,270	219,599,899
from Retail Customers	95,940,830	88,053,114
from Direct Customers	66,106,170	59,063,324
	<u>414,962,270</u>	<u>366,716,337</u>
COSTS		
Operating, maintenance and administrative expenses	134,681,274	119,485,928
Fuel used for electric generation	54,930,134	44,519,168
Power purchased	17,830,484	12,412,070
Interest (Note 1)	83,941,567	76,443,385
Depreciation	52,999,055	49,777,989
Debt retirement charge	42,643,028	40,290,428
Amortization of frequency standardization cost (Note 2) ..	16,134,225	14,374,239
Sales of secondary energy	1,935,483	2,593,333
	<u>401,224,284</u>	<u>354,709,874</u>
Total before reserve provision (<i>withdrawal</i>)	401,224,284	354,709,874
Provision and interest — reserve for stabilization of rates and contingencies (Note 1)	23,580,124	16,342,874
Withdrawal from the reserve for stabilization of rates and contingencies to offset deficit on sales to retail and direct customers — see page 127	9,842,138	4,336,411
	<u>414,962,270</u>	<u>366,716,337</u>

See accompanying notes on page 35.

AUDITORS' REPORT

We have examined the balance sheet of The Hydro-Electric Power Commission of Ontario as at December 31, 1968 and the statements of operations and source and application of funds for the year then ended. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion these financial statements present fairly the financial position of the Commission as at December 31, 1968 and the results of its operations and the source and application of its funds for the year then ended.

Toronto, Canada,
April 15, 1969.

CLARKSON, GORDON & CO.
Chartered Accountants

THE HYDRO-ELECTRIC POWER

BALANCE SHEET AS AT

(with comparative

ASSETS	1968	1967
	\$	\$
FIXED ASSETS (Note 3)		
Plant in service, at cost	3,228,324,552	3,036,694,503
Less accumulated depreciation	588,861,039	539,666,041
	<u>2,639,463,513</u>	<u>2,497,028,462</u>
Plant under construction, at cost	440,641,885	324,509,258
	<u>3,080,105,398</u>	<u>2,821,537,720</u>
 INVESTMENTS (Note 4)		
Investments held for		
Reserve for stabilization of rates and contingencies	150,367,270	136,525,025
Debt retirement fund	46,733,251	55,470,850
Employer's liability insurance fund	4,009,615	4,003,936
	<u>201,110,136</u>	<u>195,999,811</u>
 CURRENT ASSETS		
Cash and short-term investments (Note 5)	181,371,533	152,977,676
Accounts receivable	79,806,192	59,264,861
Coal, at cost	41,035,365	39,890,496
Materials and supplies, at cost	23,824,756	22,981,466
	<u>326,037,846</u>	<u>275,114,499</u>
 DEFERRED CHARGES AND OTHER ASSETS		
Frequency standardization cost, less amounts written off .	97,555,519	109,672,724
Discount and expense on bonds and notes payable, less amounts written off	25,467,265	22,866,965
Long-term accounts receivable	7,804,636	6,707,936
Other assets	10,789,981	11,449,763
	<u>141,617,401</u>	<u>150,697,388</u>
	<u>3,748,870,781</u>	<u>3,443,349,418</u>

COMMISSION OF ONTARIO

DECEMBER 31, 1968

figures for 1967)

DEBT, EQUITY, AND LIABILITIES

	1968	1967
	\$	\$
DEBT FROM BORROWINGS		
Bonds payable		
In Canadian funds	1,770,791,800	1,725,869,800
In United States funds (\$625,176,000 U.S.)	647,404,186	537,751,033
Notes payable	197,000,000	131,800,000
Advances from the Province of Ontario	2,868,196	4,330,961
Total, including \$299,529,234 maturing in 1969	2,618,064,182	2,399,751,794
EQUITY		
Equities accumulated through debt retirement charges	675,570,503	633,055,265
Reserve for stabilization of rates and contingencies	183,410,967	167,506,931
Contributions from the Province of Ontario as assistance for rural construction (Note 6)	121,297,335	120,223,511
	980,278,805	920,785,707
CURRENT LIABILITIES		
Accounts payable and accrued charges	98,489,093	75,920,554
Accrued interest	42,346,715	37,451,841
	140,835,808	113,372,395
DEFERRED LIABILITIES		
Customers' deposits	4,611,149	5,228,241
Employer's liability insurance fund	5,080,837	4,211,281
	9,691,986	9,439,522
	3,748,870,781	3,443,349,418

See accompanying notes on page 35.

**THE HYDRO-ELECTRIC POWER
RESERVE FOR STABILIZATION
for the Year Ended**

	HELD FOR THE BENEFIT OF ALL CUSTOMERS
	\$
Balances at December 31, 1967	152,829,264
Add:	
Interest for the year at rates approximating those earned on investments held for the reserve	8,050,511
Provision charged to operations	14,757,134
Net profit on redemption of bonds payable and sale of investments	2,195,350
Adjustment of prior years' matured equities .....	.....
	177,832,259
Deduct:	
Withdrawal to offset deficit on sales to retail and direct customers .....	.....
Grant to Ontario Municipal Electric Association .....	.....

Balances at December 31, 1968	177,832,259

**EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES
for the Year Ended December 31, 1968**

	MUNICIPALITIES	POWER DISTRICT	TOTAL
	\$	\$	\$
Balances at December 31, 1967	456,792,963	176,262,302	633,055,265
Add:			
Debt retirement charge to operations	27,069,097	15,573,931	42,643,028
Equities transferred through annexations	11,797	11,797	.....
	483,873,857	191,824,436	675,698,293
Deduct:			
Adjustment of prior years' matured equities	114,433	13,357	127,790
Balances at December 31, 1968	483,759,424	191,811,079	675,570,503

COMMISSION OF ONTARIO
OF RATES AND CONTINGENCIES
December 31, 1968

HELD FOR THE BENEFIT OF (OR RECOVERABLE FROM) CERTAIN GROUPS OF CUSTOMERS				TOTAL
Municipalities	Power District			
	All Direct Customers	Direct Customers Former Northern Ontario Properties	Retail Customers	
\$ 1,115,235	\$ 3,265,466	\$ 6,674,729	\$ 3,622,237	\$ 167,506,931
56,876	172,297	352,183	191,123	} 23,580,124 2,195,350 13,357
.....	
.....	.....	.....	13,357	
1,172,111	3,437,763	7,026,912	3,826,717	193,295,762
..... 42,657	6,821,644 .....	..... .....	3,020,494	9,842,138 42,657
42,657	6,821,644	.....	3,020,494	9,884,795
1,129,454	3,383,881	7,026,912	806,223	183,410,967

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
STATEMENT OF SOURCE AND APPLICATION OF FUNDS
for the Year Ended December 31, 1968
 (with comparative figures for 1967)

	1968	1967
	\$	\$
SOURCE OF FUNDS		
Operations		
Depreciation		
Charged directly to operations	52,999,055	49,777,989
Charged to various overhead accounts	8,681,823	6,921,133
Debt retirement charge	42,643,028	40,290,428
Frequency standardization amortization of cost, less interest on the account	12,117,205	9,985,177
Provision and interest - reserve for stabilization of rates and contingencies	23,580,124	16,342,874
Deficit on sales to retail and direct customers	9,842,138	4,336,411
Other items	3,313,842	2,451,462
	<u>133,492,939</u>	<u>121,432,652</u>
 Proceeds from issues of bonds and notes, less retirements . .	 215,673,028	 160,896,888
Net increase in amounts held in cash and investments	34,583,614	56,531,632
	<u>181,089,414</u>	<u>104,365,256</u>
 Increases in accounts and interest payable	 27,463,413	 35,958,247
Other items - net	755,156	1,987,524
	<u>342,800,922</u>	<u>259,768,631</u>
 APPLICATION OF FUNDS		
Expenditures on fixed assets, less proceeds from sales, etc.	319,174,732	246,207,281
Increases in accounts receivable	21,638,031	3,731,231
Increases in coal, materials, and supplies	1,988,159	9,830,119
	<u>342,800,922</u>	<u>259,768,631</u>

NOTES TO FINANCIAL STATEMENTS

1. Interest cost includes interest on debt from borrowings, less interest capitalized and interest earned on investments. In 1968, interest added to the reserve for stabilization of rates and contingencies has been included with the provision for stabilization of rates and contingencies. Comparative figures for 1967 have been adjusted accordingly.
2. The 1968 amortization of frequency standardization cost comprises:

Assessments to customers of the former Southern Ontario System as follows:	
\$3.00 per kilowatt of costing load to all customers who were converted to 60-cycle frequency	\$14,769,732
\$.50 per kilowatt of costing load to all nonconverted 60-cycle customers	853,462
	15,623,194
An amount equal to the net revenue on the export of 60-cycle secondary energy from the former Southern Ontario System	511,031
Total amortization shown in the Statement of Operations	\$16,134,225
3. The construction of units 1 and 2 of Pickering nuclear generating station is a joint undertaking with about 40% of the cost being financed by the Commission, 33% by Atomic Energy of Canada Limited, and 27% by the Province of Ontario, with ownership being vested in the Commission. Contributions by Atomic Energy of Canada Limited and the Province of Ontario to December 31, 1968 have been deducted in arriving at the cost of plant under construction. If, as, and when the value of power and energy provided by Pickering units 1 and 2 exceeds the operating, maintenance, and fuel costs incurred, this excess will be shared by the three contributors in proportion to their contributions. The basis for determining the value of power and energy will be the fixed charges plus operating, maintenance, and fuel costs of units 1 and 2 at the Commission's coal-fired Lambton Generating Station.
4. On December 31, 1968, investments, which are included at amortized cost, consisted of government and government-guaranteed bonds, \$200,115,699, and corporation bonds, \$994,437. At this date, the market value of these investments was \$175,996,000.
5. On December 31, 1968, cash amounted to \$8,113,503; short-term investments, which are included at amortized cost (approximately market value), consisted of interest-bearing deposits with banks and trust companies, \$111,739,925, government and government-guaranteed bonds, \$44,953,105, corporate obligations, \$11,170,000, and bank discount notes, \$5,395,000.
6. The Province of Ontario contributed \$1,073,824 during 1968 as assistance for rural construction.

SECTION III

MARKETING AND THE COMMISSION'S CUSTOMERS

THE TOTAL number of customers served by the Commission and the associated municipal electrical utilities was 2,292,015 at the end of 1968, as shown on the following table:

Ultimate Customers Served

Retail customers served by 354 municipal utilities		1,709,111
Retail customers served by the Commission		
In 28 communities where the Commission		
owns and operates the distribution facilities	32,033	
In rural areas	550,685	
Special (formerly direct customers having		
loads of, for the most part, under 5,000 kw	91	582,809
Total retail customers		2,291,920
Direct customers (including 10 interconnected systems)		95
Total		2,292,015

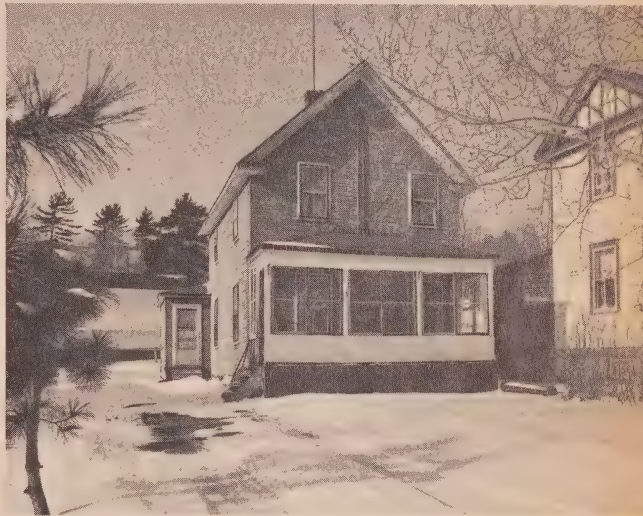
The distribution of energy to these groups of customers is recorded in the table on pages 98 and 99, where the groups are segregated in the same manner. For other statistical purposes, the customers in the 28 communities served by Commission-owned facilities are regarded as similar to municipal electrical utility customers. Both groups are therefore considered together in the introductory comment on retail service in the Municipal Service Supplement beginning on page 145.

For a large segment of the market, electricity will be the customers' first choice as a source of energy as long as it is competitive in cost. In order to ensure that it remains effectively competitive under rapidly changing conditions, the municipal utilities and the Commission recognize the increasing importance of a progressive, flexible, and well co-ordinated marketing program. The prime purpose of such a program is to encourage customers to expand their use of the available power and power-supply facilities, and thus derive the maximum economic benefit to themselves. In particular, they will ensure that rate increases in the face of continually rising costs can be kept to a minimum.

Installations of electric space-heating in new houses, and conversion to electric heating from other forms of heating service brought the total of electrically heated single dwellings in Ontario to some 50,000 at the end of the year. Multiple dwelling construction has incorporated electric heating in an additional 20,000 dwelling units. While the single-dwelling installation rate still represented a substantial 20 per cent of the new housing market, it was slightly off the pace established in 1967.

ELECTRICAL MODERNIZATION PROGRAM

— The versatility of the Electrical Modernization Program is exemplified in three homes recently changed over to the convenience of electric heat. One is a large house of concrete construction, one a modest insul-brick dwelling, and the third an attractively proportioned, reconstructed school building.



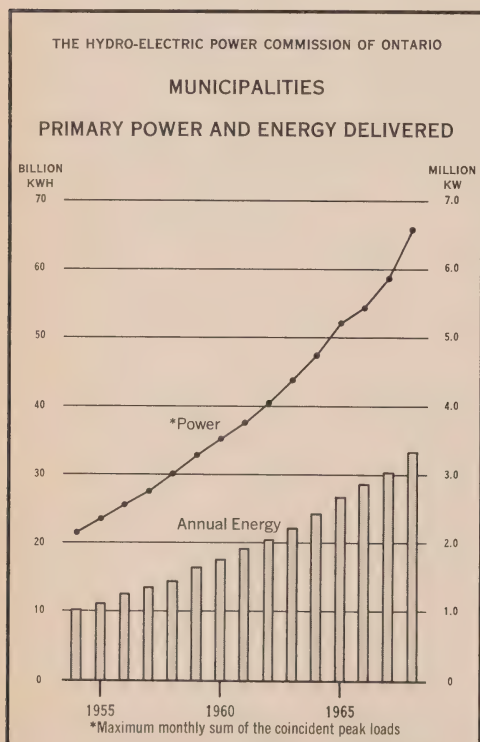
Electric water-heaters were installed in 42 per cent of the new housing market in 1968.

The Electrical Modernization Program encourages the renovation of older homes through the installation of modern electrical equipment, and the replacement of inadequate wiring and service facilities by equipment more appropriate for today's electrical requirements. Under the supporting finance plan, funds have been provided for some 500 customer projects.

In the commercial and industrial space-heating market, the heat-by-light principle has marked advantages for large schools now being constructed following amalgamation of local school boards into regional boards. Apart from the excellent load characteristics of such installations, they have the added advantage of providing cooling in summer, thus offering the possibility of year-round use of the building. The benefits accrue not only to the local electrical utility through improved annual load factor, but also to the school board and ultimately to the tax-paying public.

MUNICIPALITIES

Following the amalgamation of the Widdifield and West Ferris Township municipal utilities with the North Bay Hydro-Electric Commission, and the addition of the Township of Vaughan Hydro System, the Commission was serving 354 municipal electrical utilities under cost contracts at the end of 1968, as compared with 355 at the end of 1967.



The cost of power supply to a municipal electrical utility is billed on an interim basis each month through a combination of two components, a demand charge and an energy charge, the latter at present being uniformly 2.75 mills per kilowatt-hour to all utilities. The demand component is calculated by ascertaining the maximum average load registered by the utility over any period of twenty consecutive minutes in the month, and applying to this maximum an interim rate per kilowatt established for that utility prior to the beginning of the year. The maximum for the month of December is given for each utility in Statement D, since this is the month in which the system annual peak normally occurs.

On the other hand, the averages of the twelve monthly peaks are given in the Statement of the Allocation of the Cost of Primary Power, since

these averages provide the basis for some of the allocation. When the actual cost of supplying power and energy has been established through this allocation at the end of the year, the necessary debit or credit billing adjustments are made to reconcile interim billings with cost.

The sum of the December peak loads of the municipal electrical utilities in 1968 was 6,582,885 kilowatts. This exceeded the corresponding peak load of 5,856,957 kilowatts in December 1967 by 12.4 per cent. With a few exceptions, the various municipal utility components of this total are given in Statement D. The exceptions are the peak loads for a few utilities which supplement the delivery of power by the Commission either by the operation of their own generating facilities, or by the purchase of power from other suppliers. Where this is so, the peak load shown for the municipality includes this supplementary power and is in bold face type.

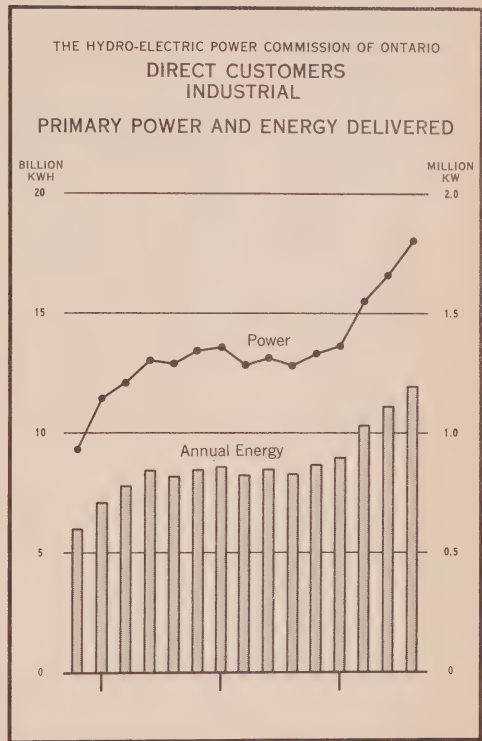
The energy delivered to the utilities by the Commission during 1968 amounted in total to 33,426 million kilowatt-hours, as shown in the table on page 98. This exceeded the 30,534 million kilowatt-hours delivered in 1967 by 9.5 per cent.

DIRECT CUSTOMERS

The direct customers of the Commission included 85 industrial customers and 10 interconnected utility systems.

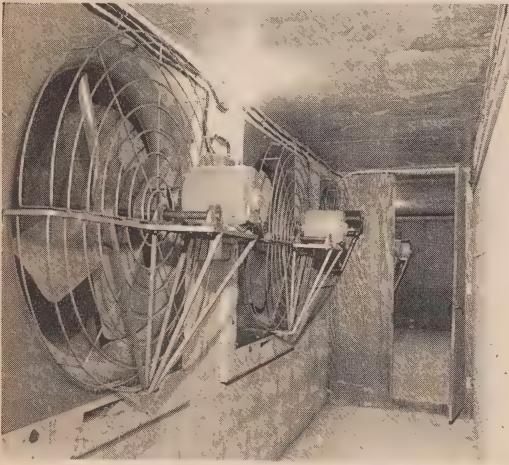
Among the 85 industrial customers were two new customers added in 1968, and two large mines, first served in 1967, which began important operations in 1968. These mines produced iron pellets for their parent companies, which are large steel producers. Four gold-mining operations of long standing in the province were closed down in 1968, and following the completion of salvage operations, disposal of equipment was begun.

The monthly sum of the primary peak loads for the direct industrial customers reached its annual maximum in November at 1,805,008 kilowatts. This was 145,537 kilowatts or 8.8 per cent greater than the corresponding annual maximum recorded in May 1967. The table on page 99 shows the disposition of energy, both primary and secondary, to these 85 customers and the interconnected systems.



RURAL ELECTRICAL SERVICE

At the end of 1968, the Commission was serving 550,685 rural customers, 10,311 more than at the end of 1967, after allowance for the transfer of 8,448 customers to service by the municipal electrical utilities following annexations. The number of farm service customers and the number of customers served under the general rate both declined. On the other hand, total revenue, total consumption, and average consumption per customer for all groups of customers, whether classified on the old or new basis, were all higher in 1968 than in 1967. For the first time in many years, the average cost per kilowatt-hour, reflecting recent upward adjustments in rates, failed to register a decline in all classes of service, with only summer or seasonal residential service, which had shown a 16.8 per cent increase in average consumption per customer, continuing the downward trend that has prevailed for the most part throughout the past 10-year period.

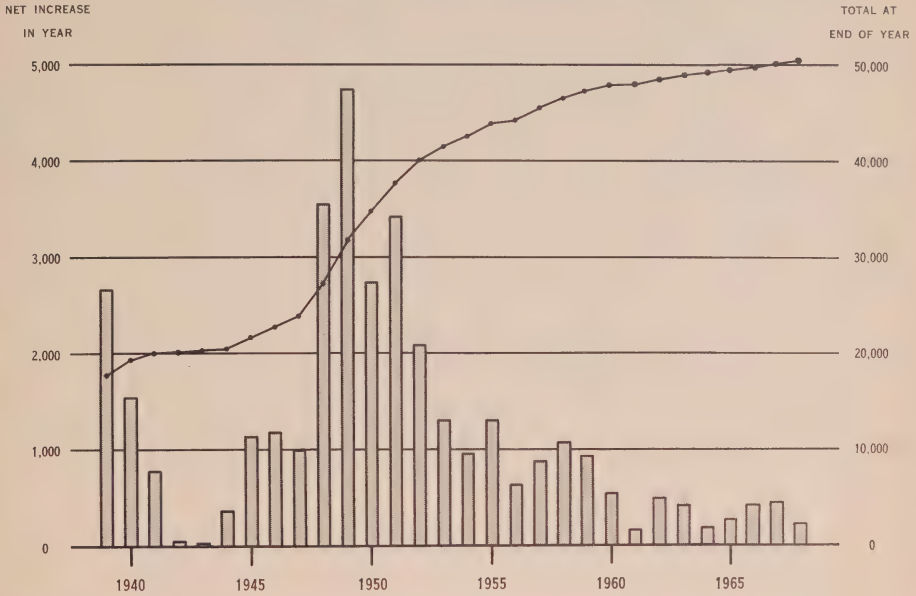


CONTROLLED ENVIRONMENT FOR POTATO STORAGE — By modernizing their methods of marketing, Ontario potato farmers are improving the profitability of their operations. One of the more significant recent developments has been the provision of on-site storage for crops, using electricity for drying, forced-air ventilation, and controlled humidity and temperature.

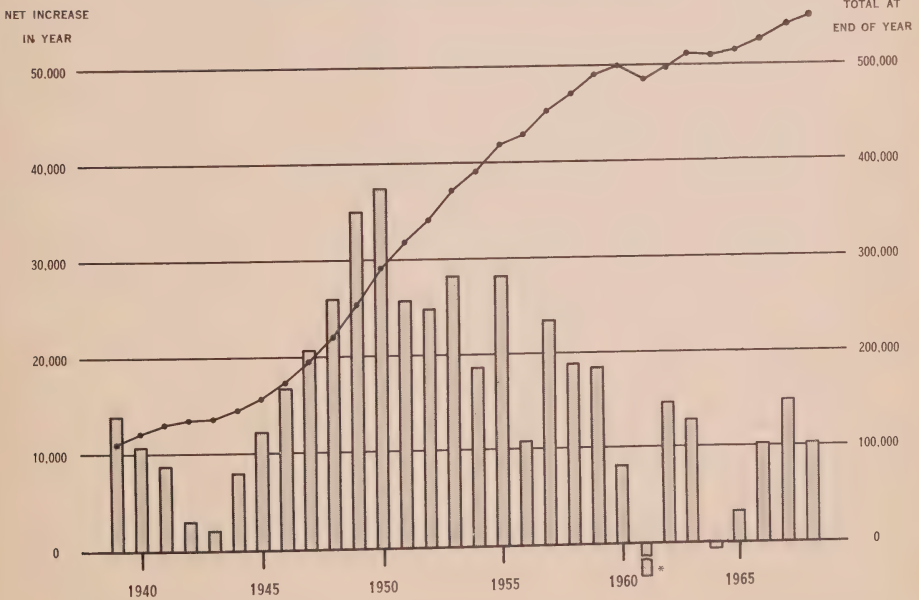
The large fan installation above is part of a more than 60-horsepower ventilating system that circulates fresh air through the storage bins, one of which is shown below.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

MILES OF RURAL PRIMARY LINE



NUMBER OF RURAL CUSTOMERS



*DECREASE — 14,542



SENTINEL LIGHTING ON THE FARM — Effective as they are in lighting commercial areas, sentinel lights also play an important part in increasing security and convenience on the farm where, by illuminating corners of the barnyard and laneways, they discourage night-time prowlers.

More than 4,000 sentinel lights are rented from Ontario Hydro by farm-service customers.

SERVICES TO CUSTOMERS

Electrical Inspection

Under The Power Commission Act, the Commission has the responsibility for establishing appropriate standards regarding the installation and operation of electrical equipment. It is also responsible for the approval of electrical equipment before it is acceptable for use in the Province of Ontario. This approval may be obtained through the Commission's adoption of reports made by the Canadian Standards Association Testing Laboratories or other recognized testing agencies. Equipment that is custom-built or of other than a regular line of manufacture must be inspected and approved by the Commission's Electrical Inspection Service.

The requirements of the Ontario Electrical Code were amended in 1968 by the publication of a special Rural Electrical Code Supplement. This covers the installation of primary and secondary overhead lines on private property, wiring in farm buildings, and similar installations in non-urban areas. Another important revision dealt with the serious hazards arising from improper installation or inadequate maintenance of electrical equipment in swimming pools or various types of wading and decorative pools. A ground fault interrupting device must now be installed for the purpose of isolating all circuits when dangerous leakage of electric current occurs.

REPORTS FROM THE REGIONS

Western Region

With the continuing industrial expansion in the Region, new industries were established in 1968, and some already established industries were considerably enlarged. Some of the new industrial operations were conveniently located at the former Armed Forces base in Centralia, where almost all the available space was occupied by the end of 1968, marking the completion of the first phase of this development, which was initiated by the purchase of the property by the Ontario Development Corporation. Load growth has been supported also by the expansion of chemical industrial activity in the Sarnia area.

The co-operative plan known as COMPEC, which co-ordinates the marketing effort of the municipal utilities in Essex County, completed its first full year of operation in 1968. The success of this venture is indicated by its 38 per cent penetration of the new housing market in electric heating, approximately twice the provincial average. The Windsor Utilities Commission was successful in negotiating the completion of almost 2,000 all-electric apartment units during the year.

New municipal substations were built in Chatham, Exeter, Goderich, London, Sandwich West Township, Sarnia, Stratford, Tecumseh, Tilbury, and Windsor. In the areas of more marked growth in power demands, planned utility capital programs were as much as 20 per cent higher than in 1967.

Niagara Region

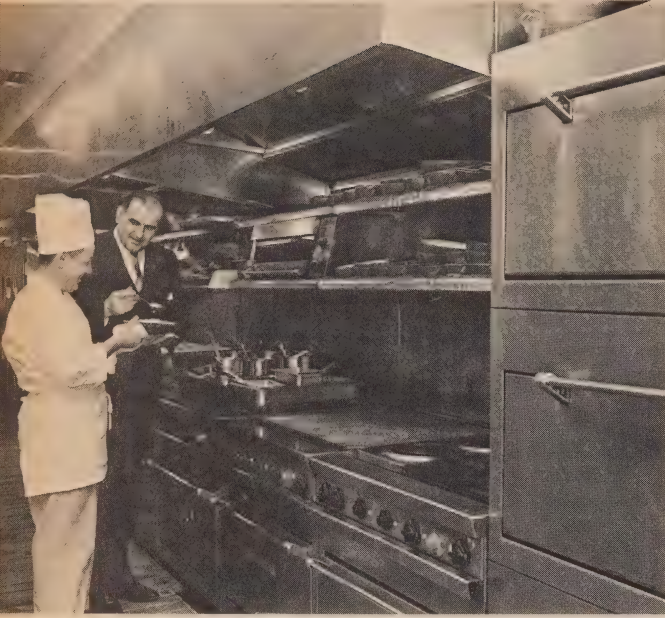
Two new substations were added by the Burlington Public Utilities Commission, and two by the Waterloo Public Utilities Commission to meet increased customer requirements. Several other utilities have enlarged the capacities of their stations.

The interest which the municipal utilities are showing in placing additions to their distribution systems underground is demonstrated by the Kitchener Public Utilities Commission, which installed almost half of the 21 miles of distribution line added in 1968 underground, by the Burlington Public Utilities Commission, which similarly installed over one-third of its 15 miles of new line, and by the Hamilton Hydro-Electric Commission, which chose underground installation for 29,000 feet of low-voltage cable.

Extensive relocation of distribution circuits in Welland was required by construction of a new channel for the Welland canal.

In Port Colborne, the addition of three small apartment buildings, a residence for retarded children, and the extension to an elementary school have materially increased the utility's all-electric commercial load.

Annexation of adjacent township areas by Elmira, Fergus, Hespeler, and Kitchener resulted in the transfer of nearly 300 customers from the Commission's rural service to service by the municipal utilities.



The general manager of a large catering organization samples food offered by a chef in one of the kitchens of the 56-storey Toronto-Dominion Centre. The dining and entertaining requirements of an estimated office population of 8,000 and 30,000 daily visitors are met from two main kitchens and eight food and refreshment facilities of various kinds. Electricity is used throughout for the operation of food-preparation, storage, cooking, and serving equipment.

Central Region

On June 20, the Richmond Hill Hydro-Electric Commission opened its new all-electric administrative centre in the completely renovated former post office building, originally built in 1936. Winter heating and summer cooling are provided by a heat pump.

With the purpose of ensuring greater system security and better voltage regulation, the Mississauga Hydro-Electric Commission built three municipal substations and increased the capacities of nine other stations. These new and enlarged stations, designed to blend unobtrusively with their surroundings, represent an 80 per cent increase in utility investment in power facilities. In addition over 86 miles of underground and 20 miles of overhead conductors were installed.

Seven utilities in the eastern part of the Region have combined their marketing effort through an agreement with Ontario Hydro to co-ordinate the efforts of trained sales staff within the total area they serve. In this second application of the COMPEC procedure to which reference was made in the 1967 Report, the acronym has been extended to represent a Co-operative Marketing Plan for Electrical Commissions. The plan should be in full operation in the summer or fall of 1969 in the seven municipalities — Ajax, Bowmanville, Newcastle, Orono, Pickering, Port Perry, and Whitby — as well as in the Commission's Bowmanville Area.

The distribution voltage in Aurora was increased from 4 kv to 13.8 kv when the Commission's supply voltage was raised from 27.6 kv to 44 kv.

As part of a program to improve the appearance of distribution facilities, the Borough of York Hydro System removed 1,500 feet of 27.6-kv and 4-kv lines from overhead poles and placed them underground. Other improvement is being

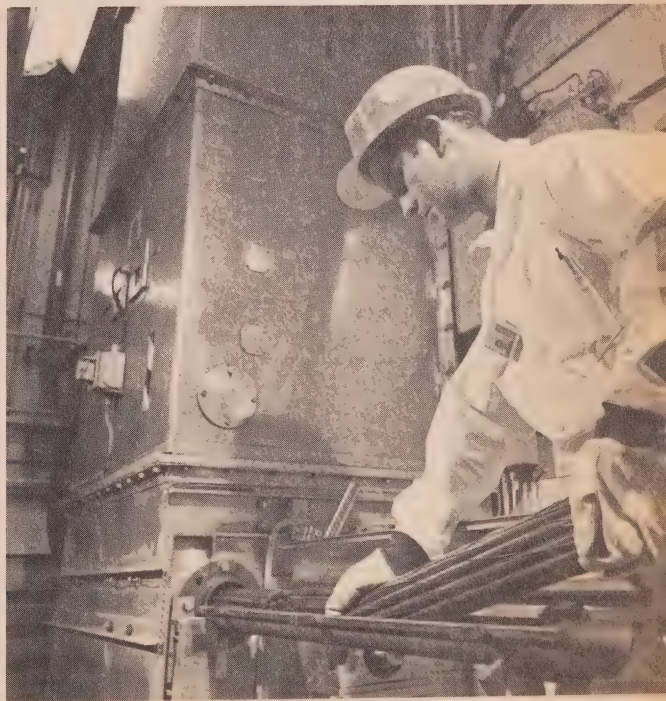
achieved through the use of concrete poles appropriately insulated in anticipation of the grounded 27.6-kv distribution system to be brought into service in 1969.

The peak load of the Toronto Hydro-Electric System in December 1968 was 872,139 kilowatts, which exceeded the corresponding peak in 1967 by 48,353 kilowatts or 5.9 per cent.

Six electrically heated apartment buildings with a total of 1,519 suites were added to the Toronto system in 1968, two of these being in the large St. James Town development to which reference was made in the 1967 Report. Other major additions among commercial and industrial loads served during 1968 were the Medical Science Building at the University of Toronto, three new office buildings, including the second tower of the Toronto-Dominion Centre, additions to two hospitals, and a new plant of a large manufacturer of chocolate confections. In total, these represent potential ultimate loads in excess of 37,000 kilowatts.

Early in August 1968 the new 115-kv Toronto-Duplex Transformer station was placed in service to meet load increases in the Yonge-Eglinton area of north Toronto.

Underground facilities in the city were extended by 25 miles of underground 15-kv power cable, 107 miles of lower-voltage power and control cables, and the underground conduit system was extended by 28 miles of duct, together with the associated transformer vaults and access conveniences. There were at the end of



FUEL LOADING AT DOUGLAS POINT NUCLEAR POWER STATION — An operator-in-training at the Douglas Point Power Station loads a fresh fuel bundle in the fuel elevator, which will then convey it to the fuelling machines.



LINE-WORK EQUIPMENT ON DISPLAY — Visitors aloft in aerial buckets mounted on radial-arm derricks at a display sponsored by the Association of Municipal Electrical Utilities in Barrie had this view of operations and maintenance equipment, valued at more than \$2 million.

The demonstration served to acquaint utility staffs with the latest in construction and maintenance materials, techniques, and equipment. Delegates from as far away as British Columbia and Newfoundland attended.

the year 2,533 miles of underground duct in service. In conjunction with the expansion of underground facilities, the continuing program for the removal of cedar poles resulted in a decrease of 120 poles in the city and Leaside areas.

Georgian Bay Region

New municipal stations have been built or the capacities of stations have been increased to meet growing loads in Arthur, Collingwood, Gravenhurst, Huntsville, and Midland. With the change of distribution voltage in Victoria Harbour and Coldwater from 4 kv to 8kv, it has been possible to dispense with two small 600-kva substations.

When the Town of Midland annexed part of Tiny Township, the Midland Public Utilities Commission took over service to 350 customers formerly served by the Commission's Penetanguishene Area.

Eastern Region

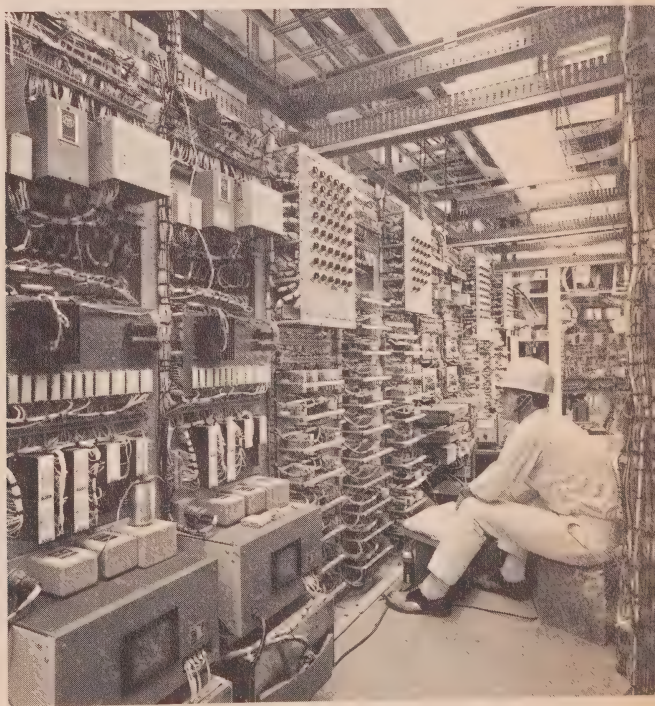
The new electrically heated office building of the Casselman Hydro-Electric Commission was officially opened in the latter part of the year.

The Gloucester Township Hydro-Electric Commission purchased Ontario Hydro's Cyrville Distributing Station, effective January 1, 1968, and has made preparations to purchase the remaining stations which carry the municipal load. Nepean Township Hydro-Electric Commission similarly purchased five stations supplying power exclusively to the municipality, effective July 1, 1968. The Ottawa Hydro-Electric Commission, following the termination on September 30, 1968 of a contract with the Gatineau Power Company for the supply of 43,000 kilowatts of power and 3,565,000 kilowatt-hours of related energy, is now obtaining this from Ontario Hydro. Campbellford added a new 3,000-kva substation to its system in 1968.

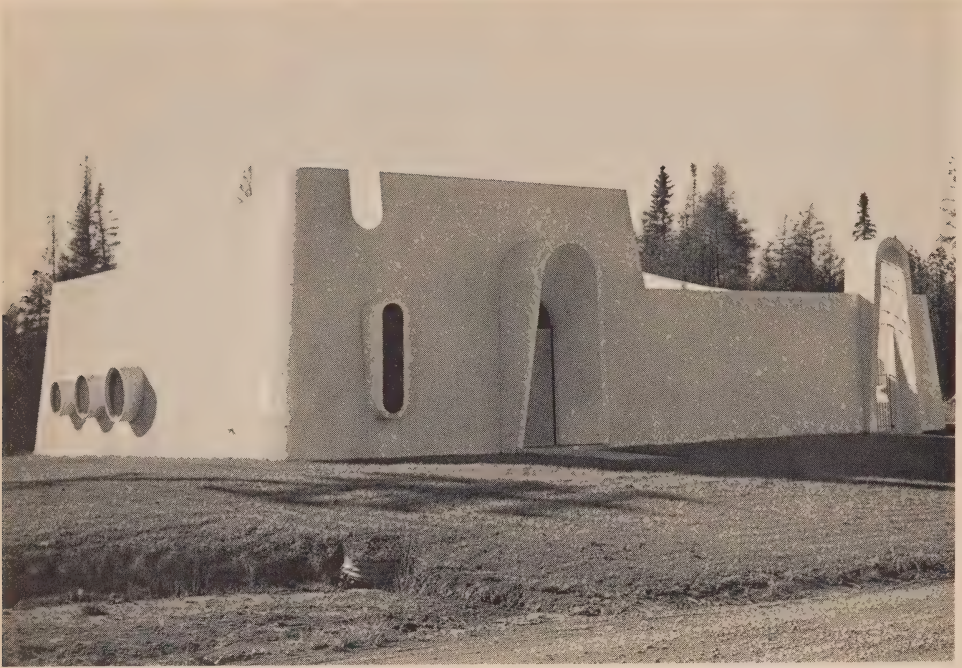
The distribution voltage was changed in Eganville and Merrickville, in the former from 2.3 kv to 4 kv, and in the latter from 2.3 kv to 8 kv. A transformer bank was installed by the Eganville Public Utilities Commission so that the output from the local generating station could be paralleled with the 4-kv supply from Ontario Hydro.

The Peterborough Utilities Commission carried out extensive work on its 44-kv system, building a new station and increasing the capacities of two others. The 4-kv underground system was extended to two subdivisions for service to some 380 homes.

During 1968, the Public Utilities Commission of the City of Kingston continued its program to change over the distribution facilities in the main commercial area from overhead to underground supply. Other major capital undertakings



COMMISSIONING OF EQUIPMENT AT DOUGLAS POINT NUCLEAR POWER STATION — A technician is checking some of the highly complex instrumentation panels during commissioning operations for the fuelling machines.



MODERN MUNICIPAL SUBSTATION — A sense of functional appropriateness and architectural sincerity is conveyed in this well-designed structure in moulded concrete, screening a substation in the city of Fort William.

included the construction of one mile of 44-kv underground cable through the centre of the city to tie in two substations, and the completion of a \$1,000,000 service centre in the northwest part of the city.

Northeastern and Northwestern Regions

Service to all customers formerly served by utilities in West Ferris and Widdi-field Townships was consolidated during the year under the administration of the North Bay Hydro-Electric Commission. A new schedule of rates uniformly applicable throughout the enlarged North Bay municipality was introduced. A new 5,000-kva substation was placed in service.

In Hearst, further major expansion in the wood industry is indicated by the construction of a large chip-board plant, and in Sudbury a high rate of load growth is attributed to a substantial increase in employment in the nickel industry, with consequently increased requirements for housing and commercial services. Two new substations were placed in service in 1968.

On April 16, 1968, the Provincial Department of Municipal Affairs released its report recommending the amalgamation of Fort William, Port Arthur, and parts of two adjacent townships. The amalgamation is to be effective on January 1, 1970. Approximately 2,400 customers and 150 miles of rural distribution line in the Commission's Port Arthur Area will be transferred to the municipal utility serving the enlarged municipality.

SECTION IV

PLANNING, ENGINEERING, AND CONSTRUCTION

DURING 1968 the Commission placed in service seven new generating units with a total installed capacity of 1,039,900 kilowatts. These included three coal-fired thermal-electric units at Lakeview Generating Station, near Toronto, two combustion-turbine units at Thunder Bay Generating Station in Fort William, and two hydro-electric units installed in an extension of Barrett Chute Generating Station on the Madawaska River.

Though the increase in generating capacity was large, the addition of these units represented only a small part of the work under way in 1968 to expand the Commission's power resources. A number of other projects also in progress will add units with a total capacity of 6,858,250 kilowatts during the years from 1969 to 1974. Of this, 653,250 kilowatts will be in hydro-electric units to be installed at stations on the Madawaska, Mississagi, and Montreal Rivers. Approximately ninety per cent of the new capacity, however, will be provided by the installation of large thermal-electric units. These will be coal-fired at Lambton Generating Station, near Sarnia, and Nanticoke Generating Station, near Port Dover on Lake Erie, and nuclear at Pickering Generating Station, just east of Metropolitan Toronto.

Within the current economic climate and the constraints imposed by international treaty, there are no undeveloped hydro-electric sites in Ontario that are capable of economically providing sizable amounts of electric energy, although

**Summary of the Power Development Program
as at December 31, 1968**

<i>System and Development</i>	<i>Number of Units Scheduled</i>		<i>Installed Capacity</i>
EAST SYSTEM			kw.
Lambton - south of Sarnia	4 TC	1969-1970	2,000,000
Stewartville (Extension) - Madawaska River	2 H	1969	91,800
Aubrey Falls - Mississagi River	2 H	1969	130,150
Wells - Mississagi River	2 H	1970	203,300
Pickering - east of Toronto	4 TN	1971-1973	2,160,000
.....	6 TCT	1971-1973	45,000
Lower Notch - Montreal River	2 H	1971	228,000
Nanticoke - Lake Erie near Port Dover	4 TC	1971-1974	2,000,000

TC	indicates thermal-electric conventional.
TN	indicates thermal-electric nuclear
TCT	indicates thermal-electric combustion turbine.
H	indicates hydro-electric

there are sites that are suitable for the development of stations with low-load-factor peaking capacity, particularly pumping-generating stations, when these are appropriate. Otherwise, all further large additions to the Commission's generating resources will have to be thermal-electric stations. Since these require long periods for design, component manufacture, construction, and commissioning, the Commission found it necessary in 1968 to take initial steps toward the development of two large thermal-electric stations which will be required to meet increments in power demands forecast for 1974 and later years.

One of these, to be known as Lennox Generating Station, will be built at a site on Lake Ontario, near Bath, about 22 miles west of Kingston. This will be a coal-fired station. It will include four 500,000-kilowatt units, which are scheduled to be brought into service during the years from 1974 to 1977.

Subject to the approval of the Atomic Energy Control Board, a new nuclear station will be built on Lake Huron, near Port Elgin, on a site adjacent to the 200,000-kilowatt Douglas Point Nuclear Power Station. The new station, to be known as Bruce Generating Station, will have four 750,000-kilowatt units. One of these is scheduled to be in service by 1975, and all four are expected to be in service by 1978. The nuclear reactors will be of the CANDU type — of the same general design family as reactors now in operation in two generating stations in Ontario, and being installed at stations in the Provinces of Ontario and Quebec, and in India and Pakistan. All of these reactors use natural uranium as a fuel and heavy water as a moderator. Most also use heavy water as a heat-transport medium.

To ensure the provision of supplies of heavy water adequate to meet initial and operating requirements for nuclear stations with CANDU-type reactors,

Expenditures on Capital Construction, 1958-1968

	Generation	Transformation	Transmission	Retail Distribution	Other	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
1959	98,251	20,788	12,159	19,996	2,910	154,104
1960	82,506	16,624	12,230	18,120	2,559	132,039
1961	77,939	10,693	11,446	18,954	4,624	123,656
1962	59,741	11,754	21,118	18,102	3,709	114,424
1963	49,301	12,109	22,391	18,073	6,283	108,157
1964	55,908	16,775	16,250	18,623	2,565	110,121
1965	90,420	18,734	19,727	18,066	3,004	149,951
1966	131,900	22,593	21,607	20,256	*14,908	211,264
1967	154,889	30,128	26,774	22,280	*18,075	252,146
1968	192,772	38,270	53,439	23,276	*21,583	329,340
Total	993,627	198,468	217,141	195,746	80,220	1,685,202

*These figures include investment in tools and equipment, now classified as fixed assets but shown in previous years as current assets.

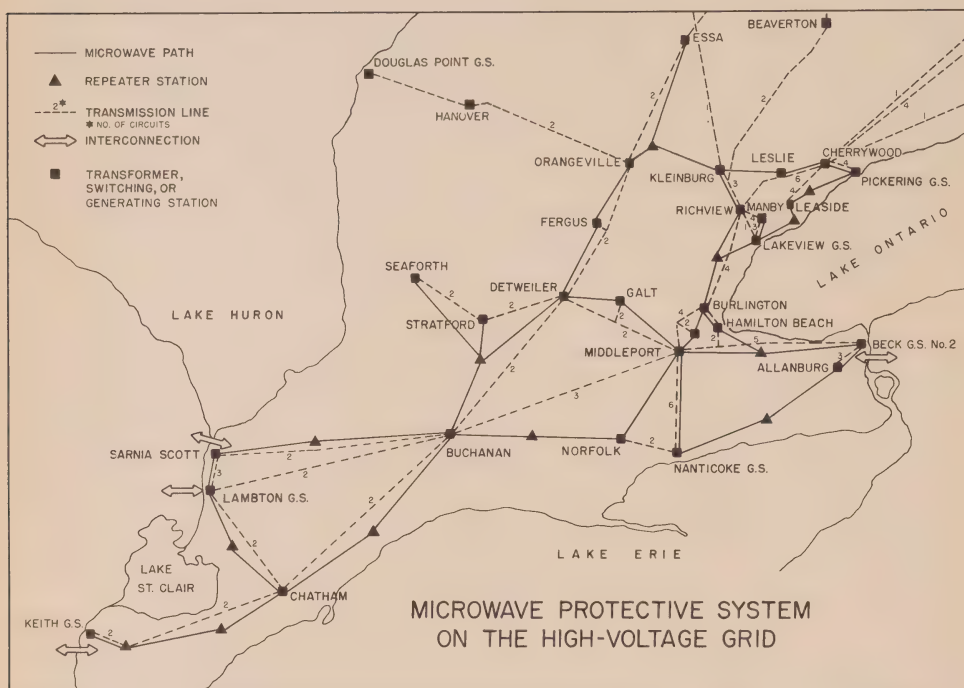
Atomic Energy of Canada Limited will build a plant at Douglas Point which ultimately will produce 800 tons of heavy water per year. This plant, scheduled to be ready for operation at an initial rate of 400 tons per year by 1972, will supplement the heavy-water production of facilities now under construction in Nova Scotia. It will require large volumes of steam which will be supplied at first from Douglas Point Nuclear Power Station and ultimately from Bruce Generating Station. The heavy-water plant as well as the two generating stations, to be known collectively as The Bruce Nuclear Establishment, will be operated by Ontario Hydro.

Detailed comments on the various projects now under way are included in the subsection *Progress on Power Developments* which follows. This is supplemented first by a definitive report on Lakeview Generating Station, where the last three of eight units were placed in service in 1968, and also by brief notes on transformer-station and transmission-line construction.

The Microwave Communication System

Electric faults occur only very infrequently on the high-voltage grid that connects the principal generating and transformer stations of a large modern power system. However, when the electrical insulation of one of the grid components is broken down by lightning, ice, wind, or some other phenomenon, the results can be serious and widespread. This is particularly true when the fault is not detected and isolated quickly, or when relays operate incorrectly and split the system into several parts, some of which have insufficient generation to meet loads. Adequate protection and control of the system, therefore, depend extensively on the ability of relay, communication, and switching equipment to detect abnormal electrical conditions and isolate the affected part of the system quickly.

The protection and control function is particularly important in ensuring that each power system in an interconnected group operates properly without undue hazard to its neighbours. During the past 15 years or so, the tie-lines which connect the Ontario Hydro systems with neighbouring power systems in Canada and the United States have grown markedly in number and transmission capability. This has required frequent and substantial improvements of equipment and techniques to maintain the ability to protect and control these interconnections as well as the Ontario Hydro grid at a consistently high and secure level.



necessary for protective relaying, telemetering, and voice communication. The Commission began to use the transmission-line conductors as information carriers in 1941 on a few 230-kilovolt lines which then transmitted 25-cycle power. In 1950, it began to standardize the power system in southern Ontario to operation at 60 cycles per second, and at the same time continued with rapid extension of the 230-kv grid. These activities hastened the development of a comprehensive power-line-carrier communication system which by now has largely displaced the use of other media for relay and telemetering purposes.

The power-line-carrier system uses coupling devices to introduce to and retrieve from the conductors radio signals at various selected frequencies. Line traps are used to restrict signals on selected frequencies, or channels, to a particular line section. A conductor used in this way, however, acts as a radio antenna. Power-line-carrier communication is therefore regulated by the Federal Department of Communications, and restricted to the 50 to 200 kilocycle band of radio frequencies. The relatively small number of power-line-carrier channels that can be provided on this radio-frequency band has made it necessary for the Commission to use each available channel on a number of different transmission line sections throughout the power grid. This has not always been a problem, but in recent years, the growing extent and complexity of the power grid has increased the difficulty in assigning to new power-line-carrier installations those frequency channels which will not interfere with communication channels on established parts of the grid.

In order to prevent incorrect tripping for faults external to a particular line section, the generally accepted scheme used with power-line-carrier communication is to transmit a signal along a line section when a fault is detected in the vicinity. This signal is then interrupted when the relays at both ends of a line section determine by comparison of voltages and currents that the fault is definitely on that particular section of line.

The difficulty, or often the impossibility, of transmitting a carrier signal through a power-line fault provides a good reason for operating in this way. In recent years, however, the trend toward requirements for shorter relay and circuit-breaker tripping times has led to the introduction of greater complexity in the comparison schemes. As a result, it has become increasingly difficult to maintain the desired level of dependability and security.

In view of these problems in power-line-carrier communication, and plans for extensive additions to the 230-kv and 500-kv transmission system, future requirements for protection and control communication have been reviewed. It was determined that the number of communication channels required would soon far exceed that which could be made available with power-line-carrier installations. At the same time, engineering studies showed that a protection concept quite different from that of the comparison schemes would be needed to properly co-ordinate the relay protections on the proposed new 230-kv and 500-kv trunk lines and to maintain good system security without involving undesirable changes in system operating procedures.

These studies showed that a communications medium completely separate from the power-line conductors should be adopted for the transmission of protection and control information. Such a system could transmit a signal for protective purposes directly from one end of a line section to the other, and thus provide faster and more positive relay and circuit-breaker action than that possible with the comparison schemes. The new communication medium ultimately specified for installation on a large part of the power grid in southern and southwestern Ontario is known as a microwave radio system. This uses radio frequencies in the seven million kilocycle per second (seven gigahertz) band, and provides a large number of highly reliable communication channels. It thus meets communication requirements for protection and control and also for central display of the operating states of various circuit-breakers, transformers, transmission lines, and generators. Such a "state of the system" display is now considered an almost mandatory requirement for effective operation of a large power grid. The microwave system is also compatible with communication requirements arising from the probable use of central computers in system dispatch and system protection, both of which are now being considered.

In 1968, the Commission awarded two contracts for microwave radio systems to the Lenkurt Electric Company of Canada Limited. One of these systems will provide channels for protection and control and for voice communication along part of the East-West tie-line between R.H. Martindale Transformer Station, near Sudbury, and the new Mississagi Transformer Station, north of Thessalon. The other, a much larger system, will provide a communication network for the same purposes among the principal transformer and generating stations in southern and southwestern Ontario, as shown in the accompanying map. This system will incorporate two microwave links which had previously been installed to meet the special requirements of communication between Lambton Generating Station and Sarnia-Scott Transformer Station, and between Richview Transformer Station and Kleinburg Transformer Station. The Company is responsible for detailed engineering design, construction, and testing of the two systems, both of which are expected to be completely in service early in 1970.

In southern and southwestern Ontario, the microwave network will join most of the major transformer, switching, and generating stations with links forming six contiguous closed rings. Radial links will serve four outlying stations — J. Clark Keith Generating Station, and Essa, Seaforth, and Stratford Transformer Stations. The microwave transmitters will direct narrow radio beams towards receivers at adjacent stations over a maximum transmission distance of about 30 miles; one or more microwave repeaters will be used on most links.

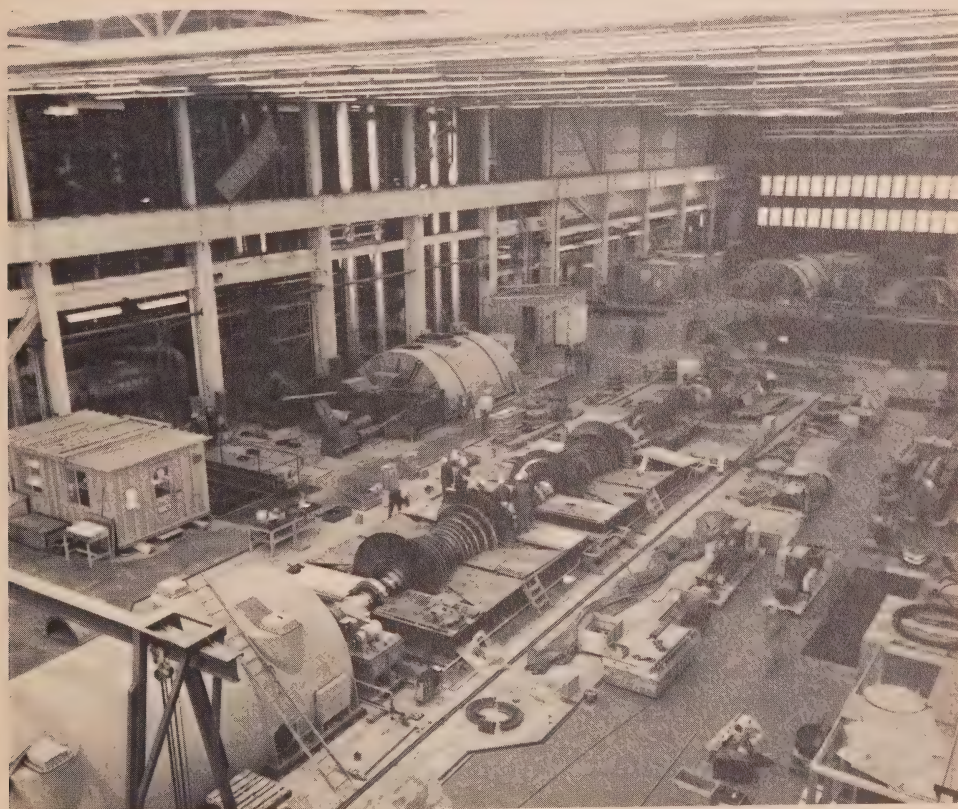
Signals will be transmitted continuously at two radio frequencies on all of the microwave links, and in both directions around the closed rings where the equipment will be able to select automatically the best of four available signals. The microwave network will therefore have the benefits of two security schemes. The first is based on frequency diversity, which is the provision of the same signal at two radio frequencies in order to allow for the loss of one or the other through

distortion due to atmospheric conditions. The second is based on geographic diversity, which is the provision of communication along alternative paths between each pair of stations in a closed ring to allow for the physical loss of microwave facilities on one path or the other. The microwave towers and antennas themselves will be constructed to withstand the high winds and severe icing that sometimes occur in southern Ontario so that there will be virtually no deflection of the radio beams. As a further measure to improve reliability the antennas will be electrically heated to prevent impairment of radio performance as a result of ice formation.

When this microwave system is in full operation in 1970, the reliability of transmission of the radio frequency signals is expected to be at least 99.999 per cent. There will be an associated improvement in the reliability of protection and control at all major 230-kv and 500-kv terminal stations in the area covered.

Supply

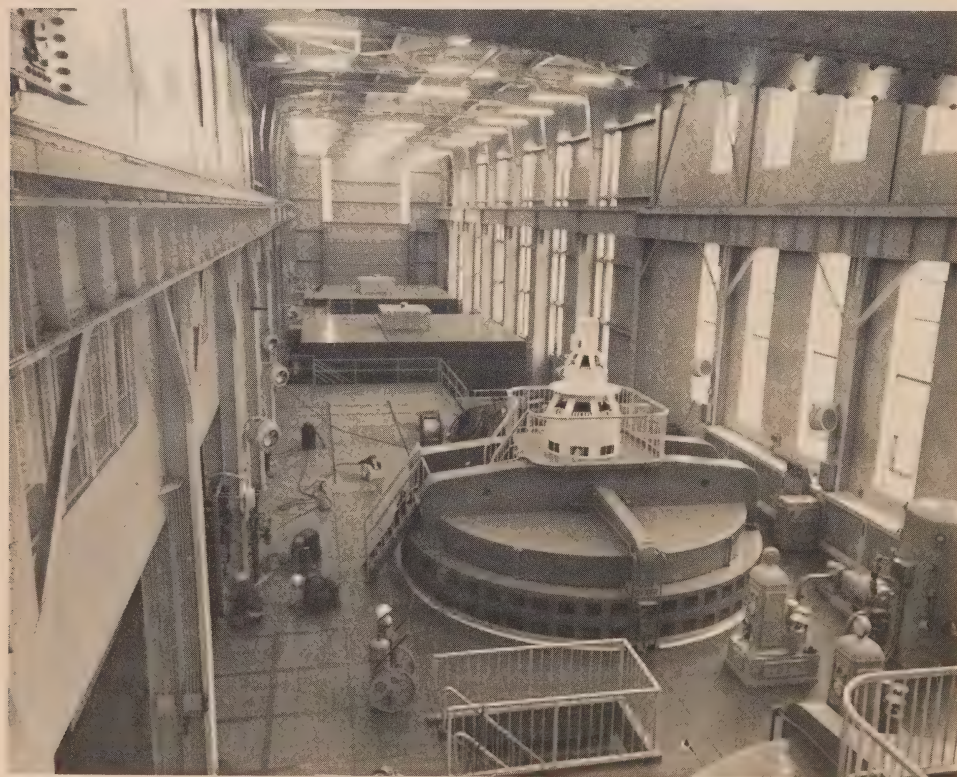
In 1968 the Commission placed orders for goods and services with a total value of nearly \$390 million. The major part of this was for equipment and materials



LAMBTON GENERATING STATION — Erection of the turbine-generator for Unit 2, scheduled to be the first in service, was well under way by the end of the summer of 1968. Four 500,000-kilowatt units will be installed at the station.

required in the continuing construction of new generating, transmission, and transformation facilities, but many orders were placed also for materials used in operating and maintaining the systems. During the year, about 6.3 million tons of coal were delivered to the coal-fired thermal-electric stations. About 10 million gallons of fuel oil were supplied for the 27 combustion-turbine units which were used for peaking service.

Nuclear fuel is increasing rapidly in importance as a supply item. In 1966 the Commission made long-term arrangements with Eldorado Mining and Refining Limited (now Eldorado Nuclear Limited) and with Rio Algom Mines Limited for the supply of uranium oxide powder required for the manufacture of nuclear fuel. In 1967 it awarded two major contracts for the manufacture of nuclear-fuel bundles. One contract is with the Canadian General Electric Company Limited for the 19,000 bundles required for the initial loading of the reactors in the four 540,000-kilowatt units being installed at Pickering Generating Station. The other is with the Canadian Westinghouse Company Limited for 4,200 somewhat smaller bundles required for refuelling the reactor in the 200,000-kilowatt unit at Douglas Point Nuclear Power Station. Both companies received initial shipments of uranium oxide powder early in 1968. By the end of the year, partial shipments on both orders had been made.



BARRETT CHUTE GENERATING STATION — In this interior view, the powerhouse extension and the newly installed Units 3 and 4 are at the rear. One of the two units installed in 1942 can be seen in the foreground.

Office and Service Buildings

For many years the Commission's requirement for head office space has exceeded the capacity of its own buildings near the corner of University Avenue and College Street in downtown Toronto. Continuing growth in work load and staff numbers has brought about a steady increase in the use of rented space, until at present about 40 per cent of the total head office staff of approximately 3,700 are accommodated in rented offices in several buildings in the general area. In 1968, however, the Commission announced plans for a new Head Office building, to be erected just north of the present University Avenue building, on the former site of the Royal Conservatory of Music at the corner of College Street.

The new building will be of an unusual, but economical and efficient design, in keeping with the Provincial Government buildings and university structures in the immediately adjoining Queen's Park area. It will have 15 storeys, with a total usable floor space above ground of about 620,000 square feet. This will be more than sufficient to meet expected requirements when the building is complete. Present plans provide for the rental to other tenants of a large but decreasing part of the building over a period of 15 years or so. While no firm date has been set for the beginning of construction, the building is expected to be ready for use by 1972 or 1973.

Construction of a four-storey parking garage with space for 900 cars, on Murray Street behind the Head Office building, was completed in the fall of 1968. About 600 parking spaces in part of the garage are rented to Ontario Hydro employees. The remainder of the building has been leased to the Mount Sinai Hospital to provide parking accommodation for hospital staff and visitors.

Other buildings completed during the year include an office for protection and control staff at Leaside Transformer Station, an extension to the Northeastern Region office in North Bay, and several office and service buildings in the Commission's administrative areas.

PROGRESS ON POWER DEVELOPMENTS

In 1964, the Commission initiated a program to redevelop the hydraulic potential of the Madawaska River in order to provide additional low-load-factor peaking capacity on the East System. The first stage of this program was completed in the fall of 1967 with the placing in service of the 139,500-kilowatt Mountain Chute Generating Station. Later stages initiated in 1965, provide for the extension of Barrett Chute Generating Station, about nine miles down stream from Mountain Chute, and of Stewartville Generating Station, about 17 miles further down stream, both of which were built and placed in service during the 1940's. With the additional units in service, the total generating capacity and the rated plant flow of each of these stations will closely match those of Mountain Chute Generating Station. This will make it possible to operate all three stations as peaking plants with a minimum of water spillage and water-level fluctuation.



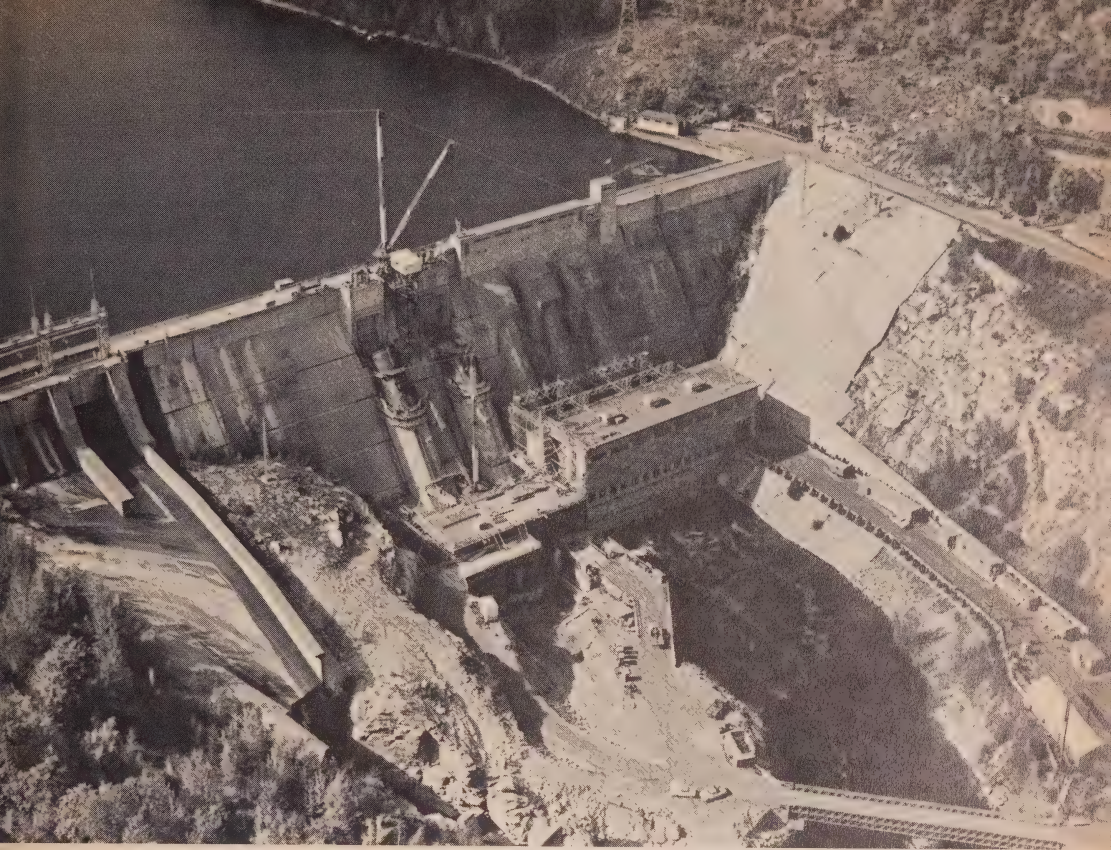
INTAKE CANAL ENLARGEMENT — As part of the project for the extension of Barrett Chute Generating Station on the Madawaska River, the 2,000-foot-long intake canal was enlarged in order to accommodate the increase in flows that would be needed to supply the two new 55,800-kilowatt units. The work was carried out during the summer months of both 1967 and 1968, while the two originally installed 20,400-kilowatt units were shut down. The canal, deepened by about 36 feet along most of its length and widened at the headworks, now carries a total flow of approximately 15,000 cfs when all four units are in full operation.

Calabogie Generating Station, about six miles down stream from Barrett Chute Generating Station, is much older than either that station or Stewartville Generating Station, and operates at a relatively low head. The installation of additional units there is not considered economic, but three power-operated sluice-gates have been installed to permit peak flows to be passed without excessive water-level fluctuations in Calabogie Lake. These sluiceways, and the sluiceways and generating units at the other stations on the river are supervisory controlled from a central control room at Chenaux Generating Station on the Ottawa River, about 20 miles up stream from the mouth of the Madawaska River.

BARRETT CHUTE GENERATING STATION (EXTENSION) — MADAWASKA RIVER

<i>Location</i>	— About 18 miles south of Renfrew.
<i>Original Installed Capacity</i>	— 40,800 kilowatts in two units, 60 cycles.
<i>Additional Installed Capacity</i>	— 111,600 kilowatts in two units, 60 cycles.
<i>Rated Head</i>	— 150 feet.
<i>In-Service</i>	— Unit 3, September 22, and Unit 4, October 10, 1968.
<i>Estimated Cost</i>	— \$14,600,000, including generation, step-up transformation, and high-voltage switching at the site.

At Barrett Chute Generating Station, the headpond is contained by a control dam with eight sluiceways about a mile up stream from the powerhouse, which is situated on the left bank of the river. Water from the headpond is conveyed to the powerhouse across a peninsula formed by a wide bend in the river through a canal about 2,000 feet long, headworks, and penstocks. Work on extension of the



STEWARTVILLE GENERATING STATION — The original structure of this station on the Madawaska River in eastern Ontario includes three 20,400-kilowatt units, all placed in service in 1948. When the extension to accommodate two new 45,900-kilowatt units is completed in the summer of 1969, Stewartville Generating Station, like the recently extended Barrett Chute Generating Station and the new Mountain Chute Generating Station, both up stream, will be operated as a peaking plant.

station began in 1966 with the excavation of foundations for the new penstocks and for the necessary additions to the headworks and the powerhouse. The two original units at the station were shut down during the summer months of both 1967 and 1968 so that the canal could be drained to permit it to be enlarged as necessary to accommodate additional flow for the new units. Otherwise, however, these two 20,400-kilowatt units remained in service throughout most of the construction period. With the completion of the powerhouse extension and the placing in service of the two additional units in the fall of 1968, the project was virtually complete.

The turbines of the two new units are of the Francis type and were manufactured by Canadian Allis-Chalmers Limited. Each is rated at 84,000 bhp under a net head of 150 feet. The generators, manufactured and installed by the Canadian General Electric Company Limited, are each rated at 62,000 kva, 0.90 power factor, operate at 120 rpm, and generate 13.8-kv three-phase, 60-cycle power. Two 58,000-kva, 13.8—115-kv power transformers, supplied by Canadian ASEA Electric Limited, step up this power for transmission on the 115-kv network.



BARRETT CHUTE GENERATING STATION — While the two 20,400-kilowatt units originally installed at the station remain in operation, work proceeds on the extension of the powerhouse and the installation of two 55,800-kilowatt units. The new units were placed in service in the fall of 1968, and the station now has a total installed capacity of 152,400 kilowatts.

STEWARTVILLE GENERATING STATION (EXTENSION) — MADAWASKA RIVER

<i>Location</i>	— About eight miles west of Arnprior and 17 miles down stream from Barrett Chute Generating Station.
<i>Present Installed Capacity</i>	— 61,200 kilowatts in three units, 60 cycles.
<i>Additional Installed Capacity</i>	— 91,800 kilowatts in two units, 60 cycles.
<i>Rated Head</i>	— 146 feet.
<i>In-Service Schedule</i>	— Both additional units in 1969.
<i>Estimated Cost</i>	— \$14,470,000, including generation, step-up transformation, and high-voltage switching at the site.

At Stewartville Generating Station, the spillway sluices, and the headworks, penstocks, and powerhouse substructure for the three 20,400-kilowatt units initially installed are included in a single concrete structure which spans the river valley. At the end of 1968, the addition to this structure of the headworks, penstocks, and powerhouse substructure for the two new units was nearly complete, and erection of the superstructure for the powerhouse extension was under way. The

placing in service of these units, scheduled for the summer of 1969, will complete the extension of this station and the work now planned for the Madawaska River.

AUBREY FALLS GENERATING STATION — MISSISSAGI RIVER

<i>Location</i>	— Just off Highway 129, about 60 miles north of Thessalon.
<i>Installed Capacity</i>	— 130,150 kilowatts in two units, 60 cycles.
<i>Rated Head</i>	— 173 feet.
<i>In-Service Schedule</i>	— Two units in 1969.
<i>Estimated Cost</i>	— \$32,580,000, including generation, step-up transformation, and high-voltage switching at the site.

The sluiceway dam in the river channel above Aubrey Falls and the Trolling Lake block dam, both earth-fill structures, were completed in 1968. By the end of the year, construction of the main concrete dam and headworks on the left side of the river valley below the falls was nearly complete, and the 4,700-acre headpond was cleared, ready for flooding in the spring. Both units at the station are expected to be in service by the fall of 1969.



AUBREY FALLS GENERATING STATION CONSTRUCTION, SEPTEMBER 1968 — The rising structure for the main dam at Aubrey Falls seems to dominate the surrounding landscape like the battlements of an ancient castle. It is being built on the east side of the Mississagi River a short distance down stream from the falls.

Together with a sluiceway dam about a mile up stream and an earth-fill block dam about four miles away, it will contain a 4,700-acre headpond.

WELLS GENERATING STATION — MISSISSAGI RIVER

<i>Location</i>	— About 17 miles north of Thessalon along Highway 129.
<i>Installed Capacity</i>	— 203,300 kilowatts in two units, 60 cycles.
<i>Rated Head</i>	— 204 feet.
<i>In-Service Schedule</i>	— Two units in 1970.
<i>Estimated Cost</i>	— \$26,820,000, including generation, step-up transformation, and high-voltage switching at the site.

Wells Generating Station is being built about a quarter of a mile to the west of George W. Rayner Generating Station, where two 21,150-kilowatt units have been in service since 1950. Both stations will draw water from the same headpond. Rock excavation for the headworks, penstocks, powerhouse, and tailrace of the new station is well under way, and placing of concrete for the headworks is expected to begin in the spring of 1969.

LOWER NOTCH GENERATING STATION — MONTREAL RIVER

<i>Location</i>	— Near the mouth of the Montreal River on Lake Timiskaming, 22 miles southeast of Cobalt.
<i>Installed Capacity</i>	— 228,000 kilowatts in two units, 60 cycles.
<i>Rated Head</i>	— 230 feet.
<i>In-Service Schedule</i>	— Two units in 1971.
<i>Estimated Cost</i>	— \$65,000,000, including generation, step-up transformation, and high-voltage switching at the site.

Lower Notch Generating Station derives its name from a short reach of the Montreal River just up stream from the mouth where the water cascades through a rock canyon about 30 feet wide and 60 feet deep. The main dam, an earth and rock-fill structure with a maximum height of about 180 feet will be built up stream from the notch. Water from the forebay will be carried through a canal about half a mile long, headworks, and penstocks to the powerhouse which will be built on the shore of Lake Timiskaming north of the river mouth. The headpond will extend about 14 miles up stream, and will flood out two small generating stations with a total installed capacity of 11,600 kilowatts. These are Upper Notch Generating Station, placed in service in 1930, and Fountain Falls Generating Station, placed in service in 1914, both of which were purchased by the Commission in 1944.

In 1967, the Commission retained the services of H. G. Acres, and Company Limited to undertake the engineering, construction supervision, and project-management responsibilities for the project. In March 1968, a contract was awarded for the construction of a diversion tunnel to carry the flow of the Montreal River around the site. Work on the tunnel was nearly complete in October when a consortium of large general contractors was awarded the contract for the construction of the main dam, intakes, powerhouse, and spillway. By the end of the year, these contractors had about 330 men at the site and were making favourable progress with excavation, cofferdam construction, dewatering, and site preparation. Contracts have also been awarded for the turbines and generators.

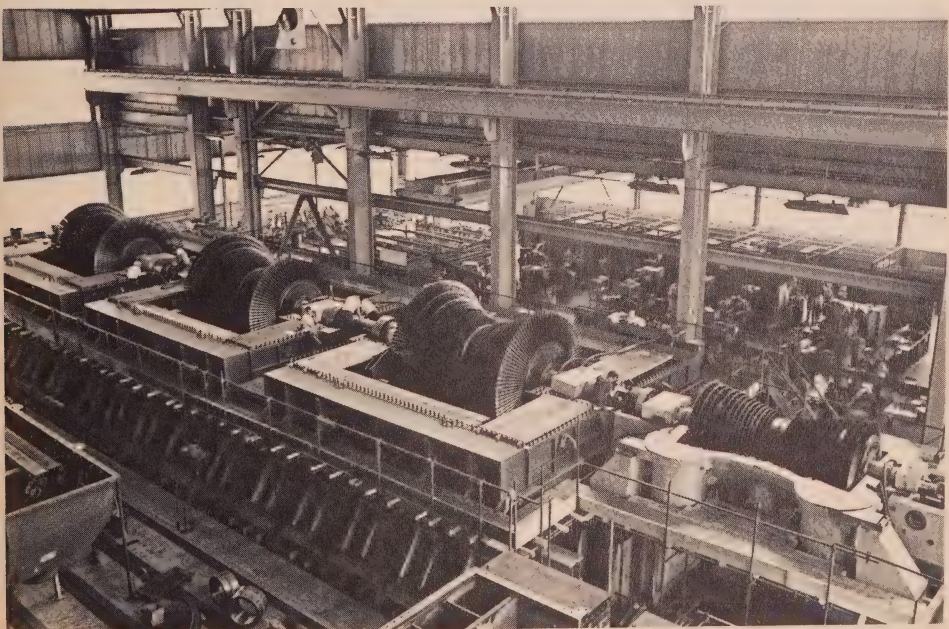
In 1969, work will be concentrated largely on excavation for the foundation of the main dam. This will consist of the removal of more than 1,000,000 cubic yards of sand, silt, and gravel to a depth of about 250 feet below the river bed.

LAMBTON GENERATING STATION

- Location* — On the St. Clair River in Lambton County, 14 miles south of Sarnia.
- Installed Capacity* — 2,000,000 kilowatts in four units.
- In-Service Schedule* — Two units in 1969, and two in 1970.
- Estimated Cost* — \$238,830,000, including generation, step-up transformation, and high-voltage switching at the site.

Problems associated with the manufacture of the turbine components of the 500,000-kilowatt units for Lambton Generating Station led to some delays in erection during 1968. In general, however, the manufacture of components, and the construction and erection of equipment at the site progressed very well. The first phases of the switchyard and the reserve station-service system were completed in the spring. The circulating-water system and the boiler make-up water treatment plant were both completed and made ready for service during the summer months, and the erection of structural steel for all four units was finished in the fall.

The first shipment of coal was received late in September, and by the end of the year, more than 375,000 tons had been stacked on the coal pile. The boiler of



PICKERING GENERATING STATION — The turbine for one of the four 540,000-kilowatt units is shown under construction in the Scarborough Ontario plant of the manufacturer. The station is scheduled for initial operation in 1971.

Unit 2 was fired for the first time on November 25. This unit, the first in order of scheduled in-service dates, is expected to produce power for the first time in the spring of 1969.

PICKERING GENERATING STATION

<i>Location</i>	— On the shore of Lake Ontario in Pickering Township, east of Metropolitan Toronto.
<i>Installed Capacity</i>	— 2,160,000 kilowatts in four units, 60 cycles.
<i>In-Service Schedule</i>	— Two units in 1971, one in 1972, and one in 1973.
<i>Estimated Cost</i>	— \$570,000,000, including generation, step-up transformation, and high-voltage switching at the site.

The construction of Units 1 and 2 at the nuclear-electric Pickering Generating Station is a joint undertaking. About 40 per cent of the cost of these units is being financed by the Commission, about 33 per cent by Atomic Energy of Canada Limited, and about 27 per cent by the Province of Ontario. Ownership is vested in the Commission. Under these financing arrangements, the Commission's share will be equivalent to the cost of a comparable coal-fired station. The Federal and Provincial Governments will receive returns on their investments in Units 1 and 2 to an extent that will depend on the finally established capital cost and the operating performance of these two units. The Commission will assume the whole cost for Units 3 and 4.

By the end of 1968, contracts had been awarded for all major items for the four units, and a considerable amount of equipment for Units 1 and 2 had been received at the site. The erection of structural steel for Units 1 and 2 was virtually complete and had begun for Units 3 and 4. Concrete placing for the first two units was well advanced.

NANTICOKE GENERATING STATION

<i>Location</i>	— On Lake Erie near Nanticoke, about eight miles east of Port Dover.
<i>Installed Capacity</i>	— 2,000,000 kilowatts in four units, 60 cycles.
<i>In-Service Schedule</i>	— One unit in each of the years from 1971 to 1974.
<i>Estimated Cost</i>	— \$284,000,000, including generation, step-up transformation, and high-voltage switching at the site.

Favourable progress was made during 1968 in the design and construction of Nanticoke Generating Station. At the end of the year, site preparation was about 75 per cent complete, and excavation and placing of concrete footings for the powerhouse were proceeding at a rate that would permit erection of structural steel to begin in the spring of 1969. The excavation for the ship dock and the circulating-water intake forebay were well advanced.

A novel feature of Nanticoke Generating Station will be the multi-flue chimney, on which work will begin in 1969. This chimney will be the first of its kind at a thermal-electric station in North America. It will be about 650 feet high and

will include four 18-foot-diameter flues, one for each unit, in a concrete shell about 60 feet in diameter. The concentration of gas movement and heat provided by the combination of the four flues in one stack will make for a rapid and high rise of gases in the plume, and this, together with the great height of the chimney, will ensure good dispersion well above ground level. Electrostatic precipitators will remove 99.5 per cent of the suspended particulate matter from the gases before they reach the chimneys.

LAKEVIEW GENERATING STATION

<i>Location</i>	— On Lake Ontario, in the Town of Mississauga, about one mile west of Metropolitan Toronto.
<i>Installed Capacity</i>	— 2,400,000 kilowatts in eight units, 60 cycles.
<i>In-Service Schedule</i>	— One unit in each of the years 1961, 1962, 1964, 1965, and 1966; Units 6, 7, and 8 in 1968.
<i>Estimated Cost</i>	— \$275,900,000, including generation, step-up transformation, and high-voltage switching at site.

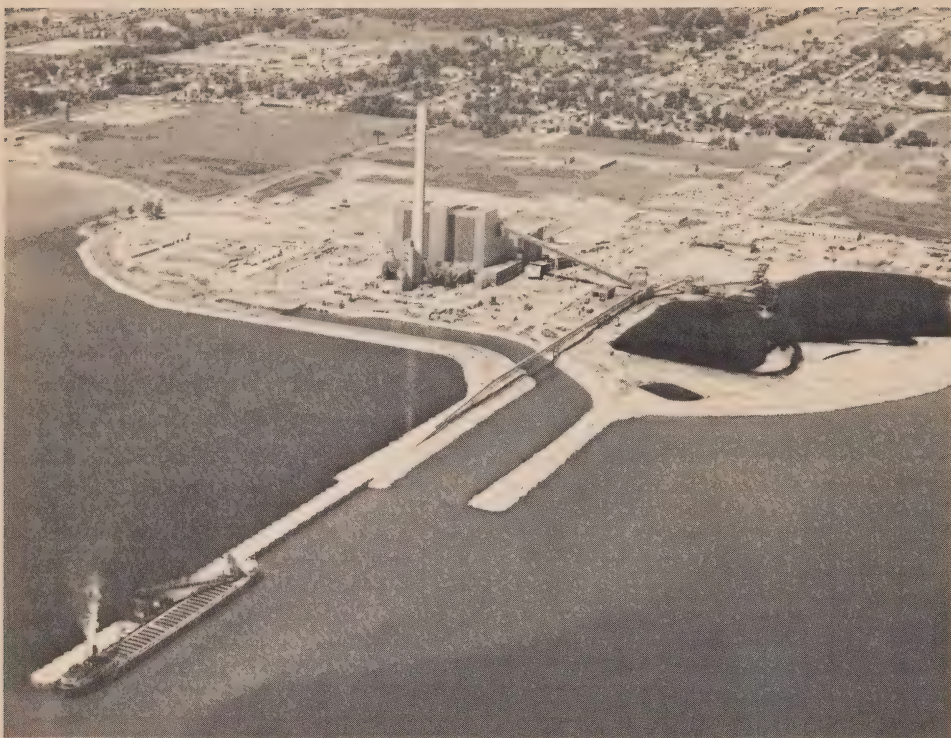
Lakeview Generating Station is situated on a 144-acre site about ten miles west of the centre of Metropolitan Toronto, which has a population of just under two million. Most of the site was formerly used for the Long Branch Rifle Ranges, but a large part was reclaimed from Lake Ontario; the centre-line of the powerhouse is near the original shore-line of the lake.

In 1957, a decision was taken to build at this site a station which would include initially two 300,000-kilowatt units, and which as system requirements increased would be extended to include ultimately six units of that capacity. Geological investigations at the site were completed in 1957, and an order was placed with C. A. Parsons of Canada Limited for the supply and erection of the turbine-generators for the first two units.

On June 20, 1962, after the powerhouse for Units 1 and 2 had been completed, and Unit 1 had been installed and commissioned, the station was officially opened by the Honourable John P. Robarts, Prime Minister of Ontario, and Mr. W. Ross Strike, then Chairman of the Commission. Unit 2 was brought into service towards the end of that year.

In 1963, the forecast of system loads resulted in a decision to extend the ultimate installation at the station to a total of eight units with the last of these scheduled to be placed in service in 1968. Work on the project continued, and Units 3, 4, and 5 were brought into service, respectively in 1964, 1965, and 1966. The strike of Ontario Hydro construction employees that continued through much of 1967, and difficulties with the manufacture and commissioning of some of the major components seriously delayed the installation of Units 6, 7, and 8. All three of these units, however, were brought into service during the late summer and fall of 1968.

The powerhouse is a steel-frame structure with masonry curtain walls and aluminum siding. Four sections of the building were fully completed in sequence in order to accommodate successive pairs of the eight generating units as they



LAKEVIEW GENERATING STATION, OCTOBER 1961 — In contrast with the eight-unit station shown in full operation in the frontispiece, this was Lakeview Generating Station in October 1961 when only the first of the initial two units was in service.

were installed and brought into service. The completed building is 1,200 feet long, 293 feet wide, and 192 feet high.

The dock extends from the west side of the circulating-water intake channel approximately 2,200 feet out into the lake. It accommodates two 27,000-ton-capacity self-unloading vessels, both of which can unload simultaneously. Hoppers on the dock feed coal from the ships to two conveyors in a tunnel. These carry the coal at a maximum rate of 5,000 tons per hour to a transfer house on the shore, and from there to a stacking tower for stock-piling in the storage yard with a capacity for three million tons. Coal is reclaimed from the pile by heavy tractor-dozers, transported by two conveyors to crushers, and from there along the length of the powerhouse to the bunkers for each unit.

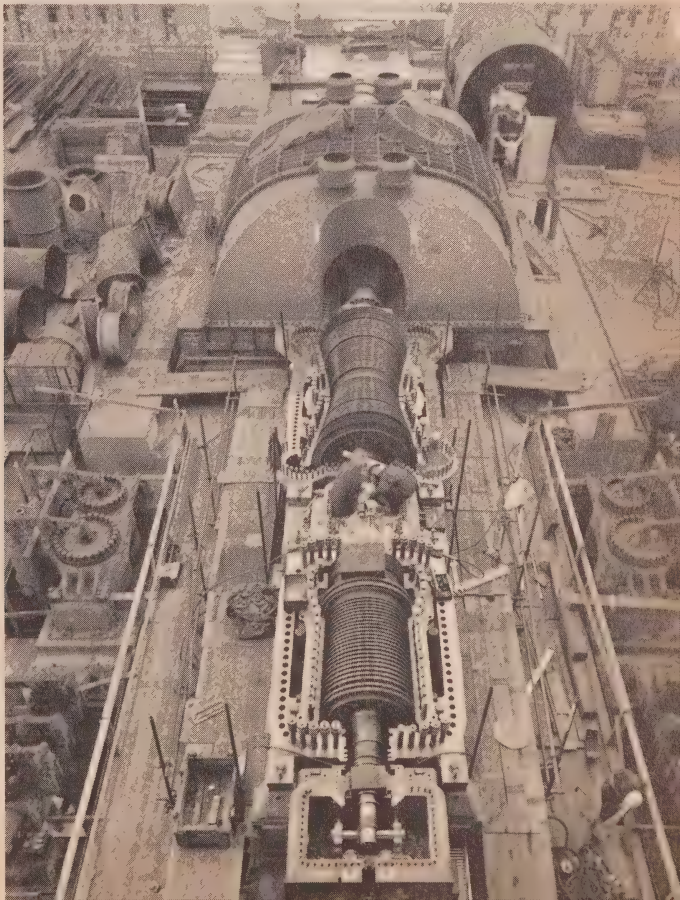
Circulating water for condenser cooling is taken from the lake at a depth of 20 feet by means of an open-cut intake channel. Water is pumped from this channel through conduits, eight feet in diameter, to the eight condensers, each of which has a surface condensing area of 125,000 square feet. With all eight units running at full load, these condensers require about one million gallons of circulating water per minute. The water is returned to the lake slightly warmed, but otherwise unaffected.

A water-treatment plant clarifies, filters, and demineralizes water drawn from the lake to supply make-up water for the boilers. The plant has the capacity to treat one million gallons of water per day.

There are eight single-furnace boilers, each of which is capable of producing two million pounds of steam per hour at 2,450 psig. Superheat and reheat temperatures are 1,000°F. All eight boilers have an efficiency of about 90 per cent, and each consumes 103 tons of coal per hour at maximum output. The boilers are suspended from drum level. Each weighs about 3,000 tons and occupies a space approximately 190 feet high, and 40 feet wide by 70 feet long. The boilers of Units 3 and 4, supplied by Combustion Engineering—Superheater Limited, are of the controlled-circulation, radiant type. The six others, all supplied by Babcock-Wilcox and Goldie-McCulloch Limited, are of the natural-circulation type.

After passing through air preheaters at the back of each boiler, the furnace gases pass through mechanical and electrostatic precipitators which remove 99.5 per cent of the fly ash before the gases enter the chimneys. There are four 490-foot chimneys, each of which serves two units.

The eight turbine generators are each rated at 300,000 kilowatts. Those in Units 1, 2, 7, and 8 were manufactured and installed by C. A. Parsons of Canada Limited (later Howden and Parsons Limited). Those in Units 3, 4, 5, and 6 were



INSTALLATION OF FINAL UNIT AT LAKEVIEW GENERATING STATION — In May 1968, the turbine-generator of Unit 8 was being installed. It is one of six single-line machines at the station. The turbine-generators of Units 1 and 2 are cross-compound machines.

By the end of 1968, all eight 300,000-kilowatt units were in service.

manufactured and installed by Associated Electrical Industries Limited. The turbine generators in Units 1 and 2 are cross-compound machines. Each of these has a high-pressure line and a low-pressure line, both of which drive 150,000-kilowatt, 16,000-volt generators. The turbine generators in the other six units are all single-line machines, and each of these drives one 300,000-kilowatt, 18,000-volt generator.

Instrumentation for the control of each pair of units is housed in a control room located between the units. For units 5 to 8, a computer provides an electronic data-logging facility, and also temperature-scanning and performance calculations.

There are eight main transformers which step power up to 230 kv for transmission over four circuits, of which three lead to A. W. Manby Transformer Station, and one leads to Richview Transformer Station, both in western Metropolitan Toronto. These transformers are all three-phase, oil-immersed, water-cooled units, and each is rated at 340,000 kilovolt-amperes. Two were supplied by the Canadian Westinghouse Company Limited, and six by the Canadian General Electric Company Limited.

Combustion-Turbine Units

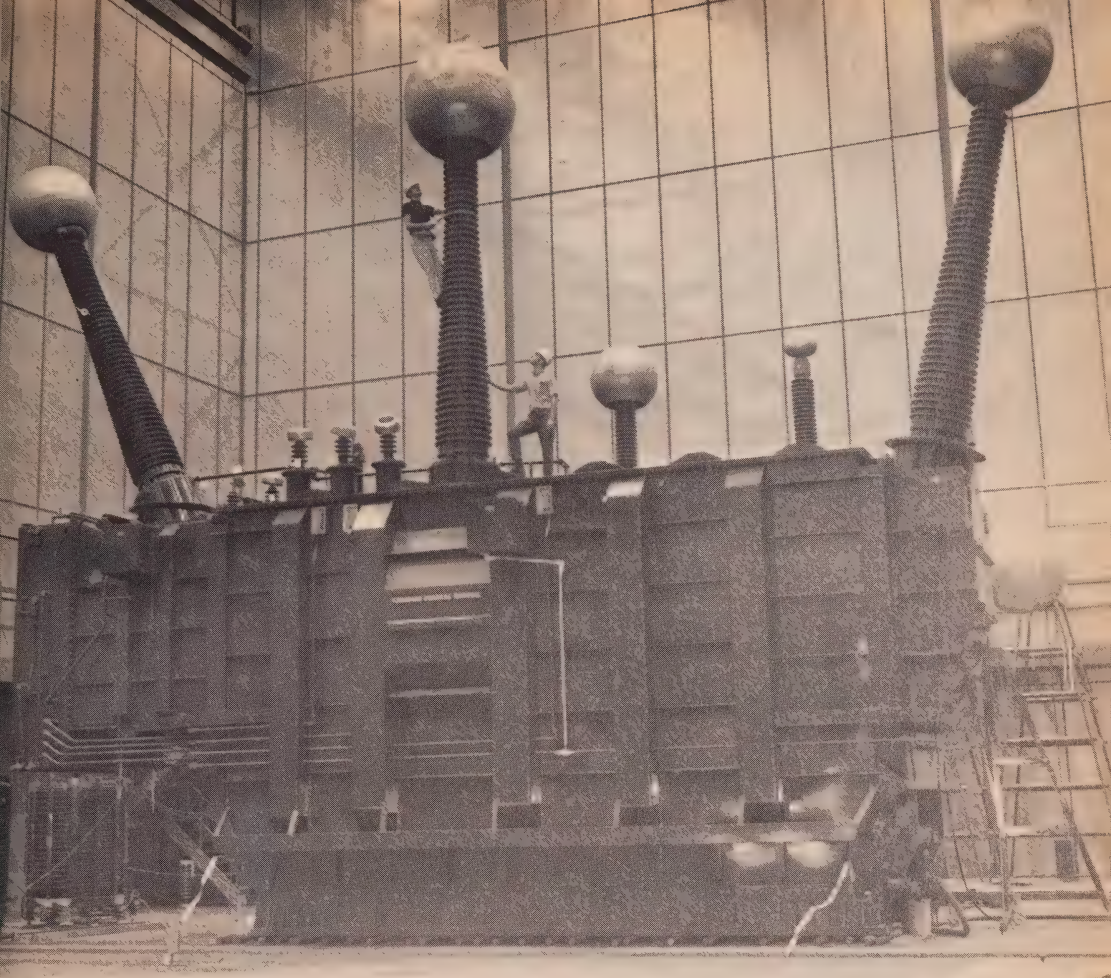
In order to provide an adequate margin of reserve capacity during a period of rapid load growth, and a good source of stand-by power for emergencies, the Commission began to install combustion-turbine generators in 1965. Since then it has installed 27 of these units with installed capacities totalling 319,000 kilowatts at a number of transformer and generating stations on the East and West Systems. The most recently installed are two 14,150-kilowatt units at Thunder Bay Generating Station in Fort William. One of these units was placed in service for the first time in January, and the other in February of 1968.

TRANSFORMER STATIONS

Extra-High-Voltage Stations

At Kleinburg Transformer Station, northwest of Metropolitan Toronto, a third 360,000-kva, 500—230—27.6-kv, three-phase autotransformer is being installed as a connected spare in order to improve service security. The other two autotransformers at the station have been in service since the spring of 1967. At the new Porcupine Transformer Station, near Timmins, two 225,000-kva, 500—115-kv autotransformers are being installed to provide improved 115-kv supply in the area. These transformers are expected to be ready for service in the summer of 1969.

Work was begun in 1968 on the design of Middleport Transformer Station, near Hamilton, which ultimately will become part of a 500-kv network in southern Ontario. This network will form a wide arc around the Hamilton-Toronto area with a connection to the present 500-kv line from the north, and 500-kv



EQUIPMENT FOR PORCUPINE TRANSFORMER STATION — When this 500—115-kv transformer, shown being assembled in the shop of the manufacturer, was transported 450 miles to its destination at Porcupine Transformer Station, it required a railway flat-car specially designed for the purpose. It is one of two transformers, each of 225,000-kva capacity, to be connected to the 500-kv transmission line from the hydro-electric stations in the James Bay watershed in order to supply the growing load in the Timmins area.

lines extending to the large generating stations that will be built on Lake Huron and near the eastern end of Lake Ontario. Sites are being selected for 500-kv stations near Milton, Georgetown, Penville, Newmarket, and Claremont. Initially, Middleport transformer Station will serve as a terminal for 230-kv lines from Nanticoke Generating Station.

Western and Niagara Regions

Sarnia-Imperial Transformer Station, a new 230—27.6-kv station with two 50,000/83,333-kva transformers was placed in service in July 1968. Lambton Transformer Station with two 230—27.6-kv, 50,000/83,333-kva transformers was placed in service in August 1968. At Sarnia-Scott Transformer Station, two

230-kv circuit-breakers were installed to terminate the first of three circuits from Lambton Generating Station.

In the switchyard at Lambton Generating Station, a 600,000-kva, 230—345-kv autotransformer was placed in service in October 1968. This permitted an interconnection with the Detroit Edison Company, in service at 115 kv since December 1966, to be converted to 345-kv operation. The autotransformer, associated switching facilities, and the tie-line itself which crosses the Detroit River between Lambton Generating Station and Detroit Edison's St. Clair Power Plant, are owned jointly by Ontario Hydro and the Detroit Edison Company.

At E. V. Buchanan Transformer Station, sixteen 115-kv circuit-breakers were replaced by breakers of higher rupturing capacity. Work is in progress to replace two 115,000-kva, 230—115-kv autotransformers with units rated at 225,000 kva. At Wallaceburg Transformer Station, a second 27.6-kv bus and a third 115—27.6-kv transformer were installed. At London-Nelson Transformer Station two 20,000/33,333-kva transformers were replaced by two of 45,000/75,000-kva capacity.

The new Hamilton-Elgin Transformer Station was completed and placed in service. The station has two 45,000/75,000-kva, 115—13.8-kv transformers, and switching structures of the new low-profile type.

Facilities were expanded at Niagara-Murray Transformer Station by the addition of one 45,000/75,000-kva, 115—13.8-kv transformer, and at Elmira Transformer Station by the addition of one 27,000-kva, 115—27.6-kv transformer.

Central and Georgian Bay Regions

At Richview Transformer Station, terminal facilities were installed for a new 230-kv circuit that brings power into the system from the last two units at Lakeview Generating Station. These facilities include two 230-kv air-blast circuit-breakers, each of which has an interrupting capability of 25,000,000 kva, higher than that of any other circuit-breakers now installed on the Commission's systems. The addition of two 75,000/125,000-kva, 230—27.6-kv transformers at the station will be completed in 1969.

Toronto-Duplex Transformer Station, a new urban-type station with two 45,000/75,000-kva, 115—13.8-kv transformers was completed and placed in service. Additional capacity was provided at Toronto-Teraulay Transformer Station by the installation of two 45,000/75,000-kva, 115—13.8-kv transformers to replace two 20,000/33,000-kva units. Two 75,000/125,000-kva, 230—44-kv transformers and associated switching were placed in service at the new Oshawa-Wilson Transformer Station.

A second "Jones-type" station has been placed in service at the site of Cooksville Transformer Station. The new facilities, necessary to meet rapidly growing loads in the Town of Mississauga, consist of two 50,000/83,333-kva, 230—27.6-kv transformers and four 27.6-kv feeder positions.

At Armitage Transformer Station, two 50,000/83,333-kva, 230—44-kv transformers, and facilities for supervisory control from Cherrywood Switching Station have been installed. The 115—27.6-kv transformation at the station was taken out of service in December 1968. At A. W. Manby Transformer Station two 215,000-kva transformers were replaced by one of 225,000-kva capacity and one of 250,000-kva capacity.

At the new Muskoka Transformer Station, one 25,000/41,666-kva, 115—44-kv transformer was placed in service in June 1968. A second similar transformer will be installed in 1969. A new 115—44-kv station with three 6,667-kva, single-phase transformers and one spare has been placed in service at Meaford. Facilities have been expanded at Hanover Transformer Station by the installation of two 50,000/83,333-kva, 115—44-kv transformers to replace two 25,000/41,666 transformers, and at Owen Sound Transformer Station by the addition of one 25,000/41,666-kva, 115—44-kv transformer.

Eastern Region

At Ottawa-Slater Transformer Station, two 45,000/75,000-kva, 115—13.8-kv transformers were installed to replace two 20,000/33,333-kva transformers, and a third section of 13.8-kv metalclad switchgear was added. The two previously installed sections of switchgear were modified to form a normally open ring bus. The capacity of the 13.8-kv underground cable connections from the transformers has been increased by a unique system of air cooling. The station has been converted to supervisory control from Ottawa-Hawthorne Transformer Station, where terminal facilities were installed for a new 115-kv circuit to Ottawa-Riverdale Transformer Station.

The capacity of Kingston-Gardiner Transformer Station, in service since 1963, was doubled by the addition of a second 50,000/83,333-kva, 115—44-kv transformer together with the necessary switching, protection, and supervisory-control facilities. Two 44-kv feeder positions were added to supply a new industrial load.

Two new 230—44-kv stations were placed in service. One is St. Isidore Transformer Station, which is operated by supervisory control from St. Lawrence Transformer Station. The other is Havelock Transformer Station, operated by supervisory control from Heely Falls Generating Station. At each of the new stations, one 25,000/41,666-kva transformer is in service, and a second similar transformer is to be installed in 1969.

An additional 25,000/41,666-kva, 115—44-kv transformer has been installed at Sidney Transformer Station in order to augment the power supply to the Trenton area.

Northeastern and Northwestern Regions

At R. H. Martindale Transformer Station, near Sudbury, switching facilities have been enlarged to accommodate two new 230-kv circuit terminations which



LINE STRINGING — Control is maintained by radio-telephone while about 35,000 feet of conductor are drawn under tension into position on the towers of a new transmission line. This 36-mile section of line was placed in service in the spring of 1968 to supply construction power to the Aubrey Falls project on the Mississagi River. Ultimately it will form part of a 230-kv interconnection between the Commission's East and West Systems.

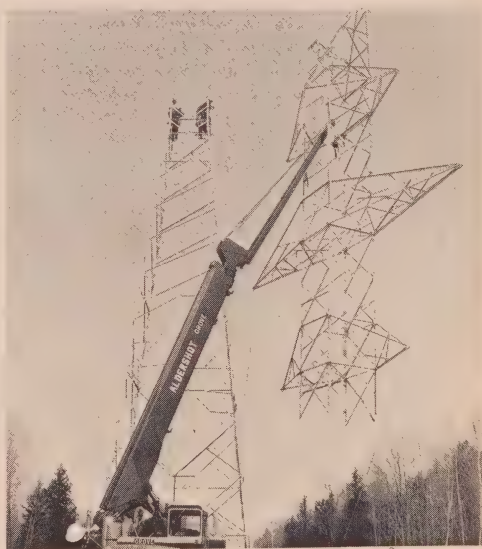
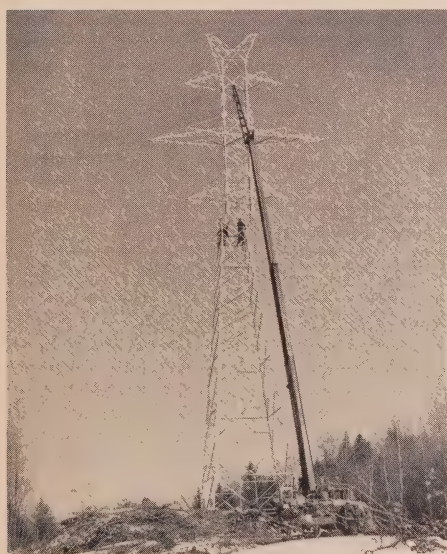
form part of the new interconnection between the East and West Systems. At the new Mississagi Transformer Station, the construction of a 230-kv switchyard is in progress. When this is complete in 1969, it will provide switching for circuits that will carry power from Aubrey Falls and Wells Generating Stations and that ultimately will serve as part of the East-West interconnection. It will also include switching for an interconnection with the system of the Great Lakes Power Corporation.

The Commission's new Wawa Transformer Station, adjacent to the Great Lakes Power Corporation's Anjigami Station, was ready for service at the end of 1968. A 75,000-kva, 115-kv regulating transformer installed there permits a block of generation at the company's stations on the Michipicoten River to be isolated from the rest of their system and connected radially to the Commission's West System over a new transmission line from Wawa Transformer Station to Marathon Transformer Station. These facilities, which serve as part of the first stage of the Commission's East System-West System interconnection, are operating initially at 115 kv. In 1969, however, the installation will be completed for 230—115-kv transformation at Wawa Transformer Station and at Lakehead Transformer Station, now under construction at Port Arthur. This will permit the connecting transmission lines and the switching facilities at Marathon Transformer Station to be converted to 230-kv operation.

TRANSMISSION LINES

In 1966, the Commission began construction of a 230-kv interconnection between its East and West Systems. When completed in 1970, this will comprise two 230-kv circuits extending over a total route distance of 516 miles from R. H. Martindale Transformer Station, near Sudbury, to Lakehead Transformer Station, at Port Arthur. The completed interconnection will require the construction of 424 miles of double-circuit steel-tower line and 85 miles of single-circuit wood-pole line. It will also incorporate a 92-mile single-circuit wood-pole line, which has been in service between R. H. Martindale and Blind River Transformer Stations for some years.

The first stage of the interconnection, completed in 1968 and placed in service early in 1969, includes two new double-circuit steel-tower lines. One of these extends over a distance of 104 miles from Wawa Transformer Station to Marathon Transformer Station, and the other over a distance of 38 miles from Blind River to the new Mississagi Transformer Station. Facilities of the Great Lakes Power Corporation complete this stage of the interconnection. Power supplied to the West System from the Corporation's generating facilities near Wawa Transformer Station is replaced by equivalent power transmitted from the East System to a connection with the Corporation's system at Mississagi Transformer Station. A 36-mile double-circuit steel-tower line from Mississagi Transformer Station to the site of Aubrey Falls Generating Station was also placed in service in 1968. This is being used initially to supply construction power to the generating station project, but ultimately it will serve as part of the final stage of the interconnection.



EAST-WEST SYSTEM INTERCONNECTION — A 45-ton hydraulic crane with a boom and jib that can be extended to well over 100 feet is used for the erection of towers in some of the rugged country traversed by the tie-line.

A new 230-kv transmission line between Lakeview Generating Station and Richview Transformer Station was completed and placed in service to carry power generated by Units 7 and 8 at the generating station. The line includes approximately one and three-quarter miles of overhead conductor strung on bridge towers, two parallel underground cable sections about five-eighths of a mile long, laid under the Queen Elizabeth Way and through a residential area, and about seven and a half miles of overhead conductor strung on modified single-circuit towers.

The other significant additions to the 230-kv system during the year were a 36.5-mile double-circuit line from Lambton Generating Station to Chatham Switching Station, and a 30-mile double-circuit line from Muskoka Transformer Station to Coopers Falls Junction.

A number of short lengths of 115-kv line were completed at various points, and about 50 miles of 115-kv line between Barrett Chute Generating Station and South March Transformer Station were re-tensioned to permit the line to carry a higher load.

Three sections of 115-kv oil-filled underground cable circuits were placed in service. Two of these are in parallel, between Hamilton-Stirton Transformer Station and Hamilton-Elgin Transformer Station, a distance of 2.3 miles. The third is between Toronto-Duplex Transformer Station and Roehampton Junction, a distance of three-quarters of a mile.

A total of 97.5 miles of new subtransmission line (27.6-kv or 44-kv), 28 new distributing stations, including newly constructed replacement stations, and one new regulating station were also placed in service during the year.

SECTION V

RESEARCH AND TESTING ACTIVITIES

THE Commission's research and testing activities, necessary to support the design, construction, and effective operation of a large and rapidly expanding power system, involve many challenging problems. The products and services offered by industry provide important contributions to the solution of these problems. Some necessary products and services, however, are initially not available, perhaps because they seem insufficiently profitable, perhaps because industry lacks either the knowledge of requirements or the staff and facilities needed for their development without assistance from the Commission. Co-operative research and development in these areas have proven to be advantageous to both parties. Much of this work involves the investigation of new materials, designs, and techniques, and their modification and application to meet Ontario Hydro's particular requirements.

The extent and variety of the Commission's applied research program are indicated by the brief outlines of some activities that follow. The program engages the concentrated attention of a staff of about 300, supported by the first-class facilities at the Ontario Hydro W. P. Dobson Research Laboratory. Close liaison is maintained with other research organizations, technical societies, and universities in order to ensure that the latest information is continuously available. Reports in greater detail on many of the subjects outlined here are published in the form of technical papers or in the *Ontario Hydro Research Quarterly*.

AIDS TO DESIGN AND DEVELOPMENT

New Self-Damping Conductor for Control of Aeolian Vibration

Conventional transmission-line conductors, which consist of layers of round aluminum wires over a core of round steel wires, provide very little damping of vibration internally. For this reason, external vibration dampers must be installed to prevent failure due to fatigue from the effects of low-amplitude, high-frequency, aeolian vibration, which is caused by gentle winds. In fact, even with the best available dampers installed, the aeolian vibration that occurs frequently at certain locations limits conductor tensions to values that are considerably lower than those that otherwise could be used economically.

Research and development carried out jointly by the Commission and the Aluminum Company of Canada over a period of several years have led to the design of a new type of conductor with much better internal damping characteristics. This conductor has the same general construction as the conventional steel-reinforced aluminum conductor, but the aluminum wires are sector-shaped rather than circular in cross-section, and there is a clearance between the steel core and the first layer of aluminum wires, and between each pair of successive layers.

The much higher level of internal damping provided by the new conductor arises primarily from the dissipation of vibrational energy that results from repeated impacts between the core and the first layer of wires and between adjacent layers of wires. Tests, made under conditions which included those typically encountered in service and conductor tensions somewhat higher than those currently applied, show that this higher level of damping is sufficient to limit aeolian vibration to a level considerably below that which the conductor could withstand indefinitely without damage.



TEST SPAN FOR INSULATOR STUDIES —
This facility, recently erected outside the Commission's high-voltage laboratory, includes provision for recording surface leakage currents, and for lowering the test pieces for periodic inspection. The vertical pieces connecting the two upper conductors are inter-phase ties, proposed for use as a means of preventing the galloping of conductors during ice and wind storms.

Studies of High-Voltage-Line Insulators

Although the materials and characteristics of insulators for transmission lines have been under investigation for many years, resultant changes in design have led to few significant improvements in performance. Now, however, new materials for some insulator applications, and changes that will significantly improve the performance of insulators made from the more conventional materials, appear possible and necessary.

Ontario Hydro has requirements for high-voltage insulators with improved characteristics for special applications such as service in polluted atmospheres and use as inter-phase ties to control conductor galloping. To assist the insulator industry in meeting these requirements, work was begun on several related lines of investigation.

The aim of the current studies is to determine the effectiveness of semi-conducting surface glazes in stabilizing voltage distribution along strings of insulators when they become wet and dirty in service. To facilitate this work, a fog chamber has been installed in the high-voltage laboratory. The photograph on the following page, taken inside this chamber, shows a string of insulators near the point of electrical breakdown during a study of contamination phenomena.

Insulator-contamination monitors are being developed for use in field evaluations of various insulators, and of the effects of various pollutants. One of the several available designs for these relatively simple devices is now being tried to determine the degree of contamination at which insulator washing is required.

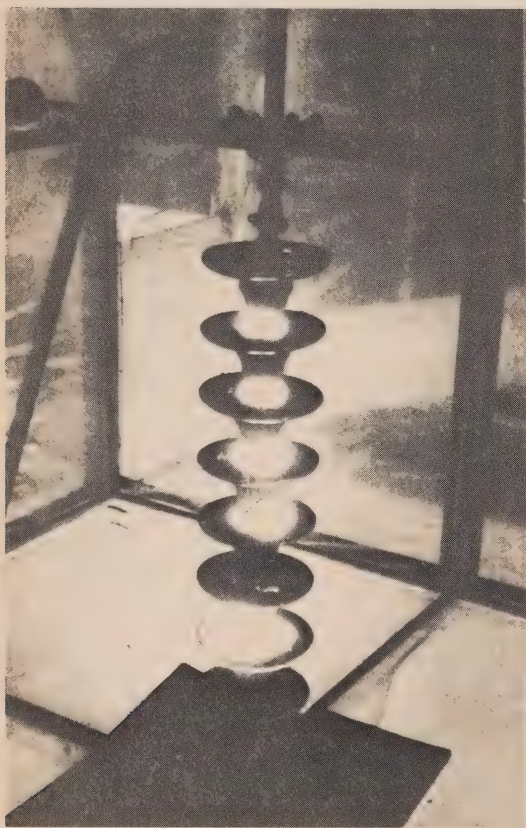
New insulating materials for outdoor use are continually evaluated at the laboratory by electrical stressing of test pieces under both natural and artificial weather conditions. A test span has been erected outside the high-voltage laboratory to permit continuous full-scale outdoor testing. This new facility will be used to investigate new materials, such as glass-reinforced plastics, and to provide data that might permit the up-rating of existing lines and the creation of new compact designs for high-voltage and extra-high-voltage lines suitable for crowded rights of way.



SELF-DAMPING CONDUCTOR—Developed jointly by Ontario Hydro and the Aluminum Company of Canada, this new conductor provides improved control of aeolian vibration without the use of external vibration dampers.

Loss of Soil Strength Due to Sampling

Decisions as to the suitability of a particular piece of land for use as a site for a generating station or a transformer station often depend largely on shear-strength values for the soil, which are usually determined in the laboratory from compression tests performed on samples obtained from various depths. In many instances, however, the laboratory-measured strength proves to be much lower than the true in-place strength. A study was made therefore to determine the causes of this discrepancy and the means of correcting for it.



INSULATOR STRING UNDER TEST IN FOG CHAMBER

For Lambton Generating Station, where the soil overburden is unusually deep, soil strengths measured in the laboratory with conventional tests on samples removed from the site were generally much smaller than the strengths measured with the soil in place, using a field vane. The loss of strength can be attributed to the mechanical disturbance of sampling and handling and also to the stress relief that occurs when a sample of soil is removed from the ground. Since the soils at this site and in many parts of southern Ontario are relatively insensitive to mechanical disturbance, the loss of strength was believed to be related to the effects of stress relief.

When a sample of clay is subjected to stress relief, a "suction" develops in the sample. If this suction is equivalent to the in-place stresses, measurements will

indicate the correct strength value. This seldom results since the suction tends to dissipate in handling, shipping, and storage. Measurements made at the laboratory on samples removed from the Lambton site showed that the remaining suction was quite small.

In special tests, stresses equal to those existing in the soil in place were applied to soil samples. These stresses were anisotropic, the vertical stress being greater than the horizontal stress. Samples tested in this manner yielded correct strength values. It was found also that if the theoretical suction pressure was applied to

the sample as a positive external isotropic stress, a correct strength value was obtained. These studies showed that a correction can be made to conventional strength tests, based on simple plasticity properties. The techniques now permit the strength of clay in relatively deep deposits to be properly appraised by the use of conventional laboratory equipment.

Studies of Roofing Materials

Built-up systems for protecting flat and low-pitch roofs against weather must be waterproof, easy to apply, and durable, and they should provide good heat insulation. Systems in use range from the long-established build-up of coal-tar pitch or asphalt on felt, to the newer and more complex organic polymers applied in sheet or liquid form. Because of wide variations in the properties and quality of products now available commercially, a study was made to aid in the selection of the optimum system for a given class of application. A laboratory evaluation included not only roof membrane coatings such as coal tar, asphalt, butyl rubber, neoprene-hypalon, and silicone, but also constituents such as vapour barriers and felts. In a concurrent study, repair materials and procedures were reviewed, and a manual was prepared as a guide to the maintenance and repair of built-up roofs.

As a continuation of the work, simulated roof decks were constructed for evaluating those systems in each class which the laboratory studies showed to be superior. In half-yearly observations of the effects of natural weathering of the specimens, the types and frequency of breakdown will be noted, and possible means of repair will be appraised as to facility and cost.

Fatigue Tests of Simulated Heat-Exchanger Tubesheet Joints

Heat exchangers in nuclear-electric stations, like many other engineering structures or items of equipment, will experience one complete cycle of temperature and pressure, and one cycle of the resulting stresses each time the unit is started up and shut down. Such cycles are expected to occur only a few hundred times during the service life of the unit. Fatigue data for this low range of load cycles are available for the basic engineering materials, but unusual designs or manufacturing procedures require special tests to provide the specific data necessary for the development of an economical but adequate design.

To provide data needed by Atomic Energy of Canada Limited in the development and selection of an economical design for tubesheets in heat exchangers such as those for Pickering Generating Station, the Commission built a special 40,000-pound-capacity fatigue-test machine. With this machine, specimens designed for evaluating various aspects of heat-exchanger tube-to-tubesheet joints were cyclically loaded in equal tension and compression to produce fatigue failure in from 10 to 10,000 cycles.

The principal findings were that the nickel and monel tubesheet overlay slightly increases the fatigue strength of the tubesheet at stresses above 40,000 psi, but slightly reduces it at lower stresses; that small lack-of-fusion defects in the

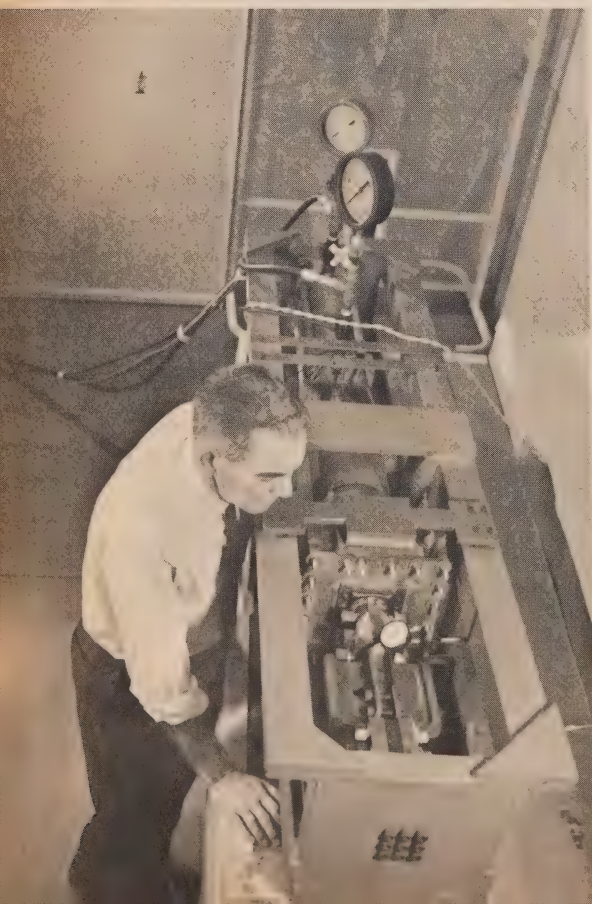
overlay, either repaired or unrepaired, have no significant effects; that the expansion of tubes into the tubesheet holes by rolling has no significant effect; and that the circumferentially welded joint between tube and tubesheet slightly increases the fatigue strength of the tubesheet.

AIDS TO SYSTEM OPERATION

Advances in System Protection

Power-system protection and control can be expected to benefit considerably from the electronic developments that are resulting from the requirements of space-exploration and computer technology. As an example, much of this new technology, which is based on solid-state devices, is being applied in the extensive microwave system that is being installed for the Commission in southern Ontario. Manufacturers are also offering protective-relay assemblies for power systems, based on similar techniques. Since there is very little background experience regarding the performance on power systems of this type of equipment, an extensive evaluation of electronic protective relays was performed, and this work is being continued. The functional principles of the new equipment, both for protective relaying and for communications, were examined.

Concurrently with studies on the application of new types of commercial equipment, a development program was begun relating to protection systems as an entity. These studies include an examination of the functions of the protection,



FATIGUE TESTING MACHINE — Capable of applying cyclic loads of up to 40,000 pounds in tension and compression, this specially built machine was used in tests that provided fatigue data needed for the design of heat-exchangers such as those to be installed at Pickering Generating Station.

from the input devices to the breaker trip circuits. The program is at present concerned primarily with line protection. It includes design developments in the following areas:

Alternative devices to current transformers and potential transformers, based on the particular requirements of solid-state electronic protective relays;

New electronic fault-detecting relays;

Over-all protective-relay logic based on integrated-circuit techniques;

Communication channels to suit the specific requirements of the over-all scheme.

Being of solid-state type, the new equipment functions at low power and voltage. Therefore it is susceptible to damage due to transients, although it must function in close proximity to circuits operating at hundreds of kilovolts and carrying thousands of amperes. Work is under way on the design of wiring arrangements which would limit the voltage levels applied to the devices in this relatively adverse environment. This is expected to result in satisfactory performance of the new classes of electronic devices as they become more extensively applied.



PROTECTIVE RELAY UNDER TEST

Being of solid-state type, the new equipment functions at low power and voltage. Therefore it is susceptible to damage due to transients, although it must function in close proximity to circuits operating at hundreds of kilovolts and carrying thousands of amperes. Work is under way on the design of wiring arrangements which would limit the voltage levels applied to the devices in this relatively adverse environment. This is expected to result in satisfactory performance of the new classes of electronic devices as they become more extensively applied.

Design and Testing of New Circuit-Breaker

The timed high-speed vacuum circuit-breaker, described briefly in the 1967 Annual Report, has been developed to the stage of interrupting-capability tests. The design of this circuit-breaker is based on two main principles. First, the opening stroke is timed to begin a few hundred microseconds before the fault current zero in order to minimize arcing and resultant contact damage. Second,



OPERATIONS SEQUENCE ANALYZER — This device is being specially designed and built to serve as an aid to the operation of Nanticoke Generating Station, now under construction. It will be capable of monitoring up to 1,200 relay points at the station and recording all operations on these points in sequence. For important events, the analyzer will prepare an immediate summary of relay operations. This will be displayed for each of the unit operators, thus providing them with valuable assistance in making prompt decisions with respect to subsequent control operations.

The analyzer will make extensive use of integrated circuits and small magnetic cores, and will use digital multiplexing to avoid requirements for individual wiring connections to each relay point.

the contacts are accelerated very rapidly in a high vacuum in order to withstand the recovery voltage. Preliminary tests have confirmed the validity of these principles. Continuing interrupting trials with synthetic test circuits in the laboratory are intended to determine the capabilities of the chosen frame size, to test improvements still being made in the high-speed mechanism, and hence to establish the basis of a manufacturing design.

Frequency-Trend Relays Applied to the Power System

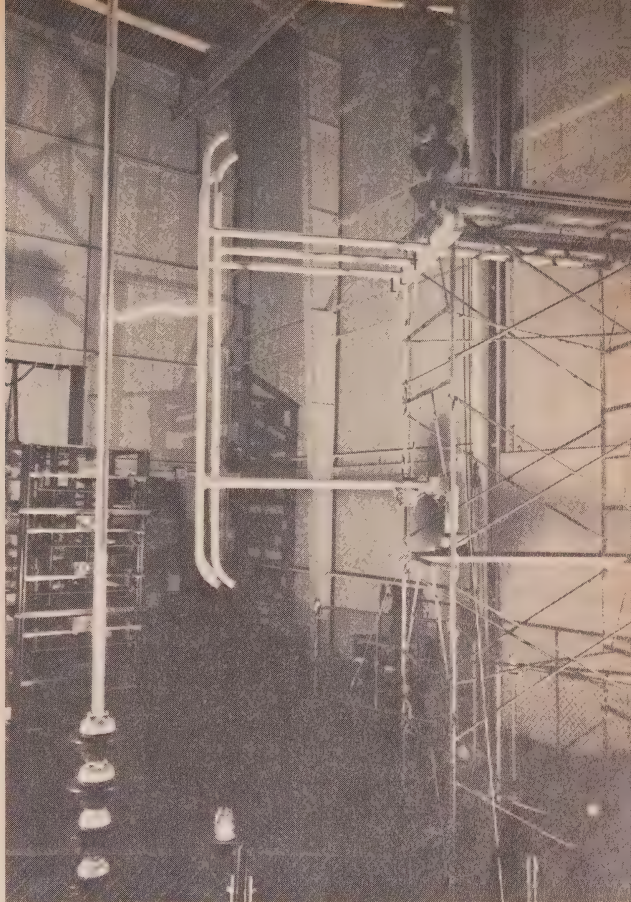
Techniques in solid-state electronics continue to be applied for a variety of uses in the power system. The frequency-trend relay, developed by the Commission's Research Division for automatic load shedding during major system disturbances, is an example. Some seventy of these devices, which make extensive use of integrated circuits to detect an imbalance between generating capacity and load, have been installed on the system. Under control of these relays, up to 50 per cent of the southern Ontario load on the system can now be rejected automatically.

MISCELLANEOUS STUDIES AND DEVELOPMENTS

Experimental Electric Radiant Ceiling-Heating Installation

In co-operation with the Ontario Electrical League and the National House Builders' Association (NHBA), a modified dry-wall sandwich ceiling-cable heating system was installed in an experimental house in Kitchener. The system differs

PROTECTION AGAINST LIGHTNING AND SURGES — Efforts to minimize the results of lightning and other voltage surges on the power system continue to make progress. Investigations of the occurrence and effects of lightning strokes have been aided by helicopter observation of transmission lines and by the improvement of computer techniques for the analysis of automatically recorded data. A recently developed device that gives an alarm on the approach of lightning storms has already provided valuable protection to construction workers at Pickering Generating Station, where high cranes are ready targets for lightning strokes. Other new developments in protection against lightning include some novel conformations for double-circuit transmission lines, and a new parallel-pipe gap combined with a conventional point-to-point rod-gap for the protection of stations. The latter is shown under test at the right.



from the commonly used dry-wall sandwich in that the filler material normally applied to fill the space between the two layers of gypsum board is omitted. This modification is intended to reduce the cost of dry-wall ceiling-cable installations, and thereby increase their popularity with builders in comparison with gypsum plaster installations. The latter are more subject to poor workmanship, and resultant cracking which is worsened by the variations in temperature that occur with ceiling-cable heating. The experimental installation will provide information on operating temperatures within the sandwich, and thus permit the probable service life of the system to be estimated.

Flexible Finish for Repair of Cracked Cable-Heated Ceilings

Plaster surfaces tend to crack on aging, particularly where plaster work is below standard. The surfaces normally are repaired by filling the opened cracks with a plaster joint filler, and then covering the filled cracks with a decorative coating material. Where space heating is by electric cables embedded in the ceiling plaster, thermal stressing caused by the substantial temperature changes can contribute to the cracking. Ceiling cracks then tend to close when the temperature rises and to open when the temperature drops. Conventional coatings do not have sufficient elasticity to expand and contract with the opening and closing of the cracks, and the coating, therefore, breaks and leaves the cracks exposed.

Some five years ago, a coating composition was developed which has sufficient elasticity to maintain a covering for the cracks despite temperature changes in

the surface. By continued research into the properties of the coating, a single latex-type material has now been developed which replaces the previous primer and finish system. A decorative film with a dry thickness of 10 mils can be applied in two coats. After application to the heated ceiling surface, the coating is cured by the relatively high degree of heat provided by the embedded electric heating cables. The heat causes self cross-linking of the coating polymer thus forming an elastic film with remarkable elongation and tensile-strength characteristics. Over the past four years, tests of the coating repair system in structures built for heating by ceiling cable have provided highly satisfactory results.

For protective coatings, the requirement for development of a heat-cured film of high elasticity on a plaster surface and the formula and properties of the coating were sufficiently unusual and original to warrant application for a patent, and registration of the trade name, "Plyant".

Monitoring and Control of Asbestos Dust Levels in Thermal-Electric Generating Stations

In nuclear-electric and coal-fired generating stations, spray-applied asbestos fibre has been used increasingly to supplement premoulded pipe and block insulation as thermal insulation for boilers, turbines, and auxiliary equipment operating



SAMPLES OF TYPICAL FAILURES IN BOILER TUBES — Small pieces have been removed from each for metallographic examination.

at high temperatures. Following the lead of the Central Electricity Generating Board of Great Britain, Ontario Hydro has made measurements which show that the concentrations of airborne asbestos dust during the application and removal of this material may be high enough to present a respiratory health hazard. In extensive studies to find means of removing this hazard, techniques were de-

veloped for the routine monitoring of asbestos dust concentrations at each work location, and personnel were trained in the collection, counting, and identification of the dust. Criteria were established for interpreting these data and for reducing the large number of measurements to a form indicative of the cumulative hazard to the health of workers at the various work locations. Administrative systems were devised for relating the data obtained to the detailed work practices developed to minimize the amount of dust generated during work with products containing asbestos.

Parallel programs were begun with the purposes of evaluating substitute materials, and co-operating with industry in the development of asbestos-reduced and asbestos-free products. Test equipment and laboratory procedures were developed to rate the thermal-mechanical-vibration stability of these products and

their equivalence to current products. The work led to acceptance of an asbestos-free block insulation developed for non-load conditions on boiler walls. Significant progress was made in the development and evaluation of asbestos-free spray-applied systems and of preformed pipe and block insulations for load-bearing applications.

Steam-Plant Boiler-Tube Failures

In coal-fired generating stations, a major cause of outages is failure of steel boiler tubes. Over the years Ontario Hydro has examined many such tubes metallographically to identify the causes of failures. Excluding those resulting from mechanical action such as differential thermal expansion, the failures examined may be classified as being due to the following causes in order of frequency of occurrence:

Defective material in which laminations or gross slag inclusions give rise to brittle fractures (Some brittle fractures, however, result from micro-cracking in the internal surface, caused by hydrogen attack);

Incomplete or faulty welds;

Erosion caused by the impingement of soot from faulty soot-blowers;

Overheating characterized by local bulging and splitting;

Internal corrosion.

Correlation of contributing causes with failure data, although incomplete, shows that failures associated with faulty material, design, or fabrication begin to occur in the comparatively early period of operation. Improved specifications for thermal tubing have largely eliminated material defects in the boiler tubes of the more recently installed units. The failures caused by corrosion, and the side effects of corrosion, often have their origin in unusual flow conditions or imperfect chemical control of the boiler water.

Methods for determining tube conditions by a non-destructive test are being sought to permit tube repair work to be scheduled for regular shut-down periods. In the past, ultrasonic testing techniques have been applied successfully for locating deep corrosion pits in accessible critical areas. Similar techniques are now being studied as a means of locating zones of micro-cracking in hydrogen-damaged tubes.

Protective Coatings for Immersed Steel Structures

In studies which began 15 years ago, some 120 different protective-coating systems of various generic types applied to six-foot steel panels have been suspended from corrosion racks in the forebay at Chats Falls Generating Station. This has been done to subject the samples to a simulation of the environment to which generating station control gates and trash-racks are normally exposed. The lower part of each coated panel is subjected to continuous immersion, the middle part, to intermittent splash, and the top part, to the atmosphere. Fifty-six of the protective-coating systems have been applied also to five-foot angle-steel panels,

and these have been exposed in the Niagara River at the Toronto Power Generating Station, with the upper part of the panels subjected to the abrasive action of river ice.

After exposure periods ranging up to the full 15 years, three coating systems, based on vinyl, coal-tar epoxy, and neoprene have continued to provide superior protection for blast-cleaned steel. Good protective properties have been demonstrated by eight other systems.

All coating systems exposed to river ice were moderately to heavily abraded within from two to four years after exposure. Two types of coatings, namely coal-tar epoxy and sand-filled epoxy, have proved to be the most resistant to abrasion by ice.

Improved Hydraulic Fluids

The shear stability and anti-wear properties, under high rates of shear, of some newly developed low-temperature hydraulic fluids and also conventional hydraulic fluids, were determined in laboratory tests. For safe and dependable operation of aerial man lifts and other hydraulically operated equipment, these fluids must have good low-temperature viscosity characteristics to permit easy movement of rubbing parts at sub-zero temperatures, and good anti-wear properties to prevent excessive wear of such parts, particularly at high operating temperatures. Relatively stable viscosities over a wide range of operating temperatures are obtained by the addition of long-chain polymers, known as viscosity-index improvers, to low-viscosity, low-pour-point base oils, but such oils may be subject to breakdown under shear. Several of the oils tested, however, performed well, both in the laboratory and in field trials. These oils are now used in most Ontario Hydro hydraulic equipment that must operate under adverse winter conditions.

SECTION VI

STAFF RELATIONS

IT WAS a year of increasing uncertainty and slowly mounting tension in labour relations as negotiations were opened successively, beginning in the spring of 1968, for the renewal of separate collective agreements covering all the Commission's employees represented by the present sixteen recognized bargaining agencies.

By the end of the year no new agreements had been negotiated, and procedures with the Ontario Hydro Employees Union (CLC) and the Canadian Union of Operating Engineers (CLC) were in various stages of conciliation. Differences with the construction craft unions in the Allied Construction Council and four associated unions remained unresolved at the end of the year.

With the failure of conciliation procedures to achieve an agreement, the Employees Union on February 3 embarked on a series of rotating strikes directed specifically towards the harassment of management. Supervisory staff with a remarkable display of determination, forbearance, and devotion to duty maintained service continuity without major inconvenience to the Commission's customers until the strike was eventually settled on March 10. Settlement with the Canadian Union of Operating Engineers was also reached later in March.

During the year the CUOE applied to the Ontario Labour Relations Board for certification to represent employees at Lakeview Generating Station, thus

seeking to withdraw this sub-unit from the Commission-wide industrial unit represented by the Canadian Union of Public Employees. The Hamilton Local of the United Brotherhood of Carpenters and Joiners of America, in a similar bid to represent the carpenters at Nanticoke Generating Station, sought to withdraw this sub-unit from the province-wide craft unit of carpenters in the Commission's construction forces, which is now represented by the International. The Ontario Labour Relations Board dismissed the latter application, and a Board examiner is now reviewing the application of the Canadian Union of Operating Engineers.

The Commission co-operated in, and made some contribution towards, federal and provincial studies in labour relations problems which were subsequently published in the Goldenberg Centennial Canadian Construction Association Report and the Report of the late Justice Ivan C. Rand.

In conjunction with representatives of the unions, the Commission has been active in joint committee work directed towards resolving problems of common concern, and defining new approaches to changing work conditions. Supervisory training programs and guidance in labour relations activities have been provided to a number of municipal utilities through co-operative arrangements with the OMEA and AMEU.

Accident Prevention

During 1968 there was a more than 100 per cent increase in the number of man-hours spent on construction as compared with 1967, in which there was a long construction strike. Construction work, which is relatively more hazardous than other types of Commission activity, therefore represented 36 per cent of the total man-hours worked by Commission employees in 1968, as compared with 22.7 per cent in 1967. The construction forces did in fact improve their performance record by reducing the frequency rate of lost-time accidents per million man-hours worked by approximately 4 per cent, and other major groups generally maintained their earlier excellent performance. The increased statistical weight of the construction segment, however, raised the overall frequency rate for the Commission as a whole from 9 to 11 per million man-hours worked.

The number of fatal accidents was reduced from the former low of 3 to 1 in 1968, leaving the only possible target for 1969 a 100 per cent improvement. This was, of course, a major factor in reducing the severity rate per million man-hours worked to 900, which is the lowest recorded since this form of measurement was instituted by the Commission. The average over the preceding five years was 1,240.

Medical Services

In the absence of any major epidemic, the general health of employees was good. On the other hand, programmed medical activity has been subject to considerable expansion with the increasing number and growing complexity of environmental health hazards, in particular those associated with the larger thermal-electric stations, both fossil-fuel and nuclear.

Noise, lasers, and problems in the toxicity and handling of solvents, thinners, insecticides, and pesticides have been given special attention. Notable progress was made in studies for the control of asbestosis and air pollution. The Commission is promoting the ultimate replacement of asbestos by a less hazardous insulating material.

Training in radiation protection took on increasing importance with the need for training employees to operate and maintain nuclear stations, not only on the Commission's systems but in Quebec and India as well. Liaison with Atomic Energy of Canada Limited, the Compensation Board, local medical and public health authorities, and specialists at Toronto General Hospital was established in devising procedures for the medical care of employees in the unlikely event of critical exposure to radiation.

COMMUNITY SWIMMING POOL AT ABITIBI CANYON—Abitibi Canyon Generating Station is located approximately 320 miles to the north of North Bay, and the educational, social, and recreational needs of an isolated community of approximately 400 persons must be accommodated by local facilities.

A new community centre was opened by the Commission in 1968. In addition to public services of various kinds, it offers space and equipment for social functions, provides curling facilities comparable with the best in northern Ontario, and includes a swimming pool that is extensively used and appreciated by all members of the community, both young and old.



Staff Statistics

In rising to 19,550 in 1968, the average number of employees reached its highest level since 1957, the average number of regular employees at 13,815 its highest level since 1958. These figures reflect not only the requirements of a greatly expanded construction program, but also the necessity to engage and train

staff for new thermal-electric and nuclear-electric generating stations well in advance of their initial operation.

Conference and Development Centre

On January 28, 1968, the Commission's new Conference and Development Centre at Orangeville was opened. It is regarded as a resource available to all units in Ontario Hydro for the purpose of meeting the needs of employee training in accordance with modern techniques and concepts.

Located on 200 acres of hilly and well-wooded land in the Hockley Valley, it offers an attractive setting of seclusion and privacy, combined with convenience of access. Full advantage has been taken of the natural terrain to distribute a variety of activities at different levels in the buildings, and in conveniently segregated areas of the property.

Six connected buildings arranged in a multi-level pattern comprise the main complex. In addition to its attractive appearance and functional accommodation for a good learning climate, this structure provides an acceptable level of comfort and privacy for study and rest in the dormitory quarters, as well as facilities for relaxation and recreation to meet the needs of the fairly large numbers of people likely to be in attendance. The arrangements will permit maximum flexibility in meeting the diverse needs of a wide range of the employee population. Several quite different kinds of activity may be going on simultaneously without serious interference among the groups engaged. A separate structure removed from the main building includes not only classroom and workshop areas suitable for the instruction of various trade groups, but also a pole barn where training in overhead and underground line maintenance work can be carried on.

While courses will be given at the centre, it is not primarily a course-giving institute. It is intended to meet the needs of trade and technical training, supervisory and management courses and seminars, and to provide facilities for other types of conferences and business meetings.

Except for the summer-vacation period, when the operating load at the centre was only 50 to 60 per cent of capacity, demands on accommodation were normally well in excess of capacity. During the eleven months of operation, over 2,300 members of the staff participated in some form of programmed training, and another 1,300 attended conferences or business meetings, perhaps only for the day.

By using supplementary accommodation in neighbouring motels, and by scheduling some training in other facilities, somewhat more than 90 per cent of the requests for use of the centre were met. It was apparent, however, that future demands would far outrun the present capacity of the centre, and consideration was given to immediate plans for its extension.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

PENSION AND INSURANCE FUND

STATEMENT OF ASSETS

as at December 31, 1968

	\$
Investments	
Bonds and stocks—	
Federal and Provincial government and government-guaranteed bonds (par value \$150,251,000)	147,019,169
Corporation bonds (par value \$35,555,000)	35,469,345
Stocks	37,122,777
Total bonds and stocks (approximate market value \$194,589,000)	219,611,291
First mortgages on real estate	18,916,210
Real property leased to others	382,050
Total investments	238,909,551
Cash	562,671
Accrued interest	2,619,417
Due from stockbrokers — secured by stocks sold	251,983
Receivable from The Hydro-Electric Power Commission of Ontario	9,131,483
	251,475,105
Due to stockbrokers	584,989
	<u>250,890,116</u>

NOTES

1. The triennial actuarial valuation of the pension plan was made as at December 31, 1967, in compliance with the requirements of The Pension Benefits Act 1965. This valuation indicated that the plan had an unfunded liability of approximately \$14,600,000. Current contributions include an amount sufficient to recover this deficiency within the period of time required by The Pension Benefits Act 1965.
2. In the above statement, bonds are included at amortized cost, stocks at cost, first mortgages on real estate at balance of principal outstanding, and real property at cost less amortization.

AUDITORS' REPORT

We have examined the statement of assets of The Hydro-Electric Power Commission of Ontario Pension and Insurance Fund as at December 31, 1968. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion the accompanying statement presents fairly the assets of the fund as at December 31, 1968.

CLARKSON, GORDON & CO.

Chartered Accountants

Toronto, Canada,
May 2, 1969.

APPENDIX I - OPERATIONS

The table of power resources and requirements on pages 96 and 97 gives for system and in total the primary peak requirements for the month of December, and the dependable capacity of the Commission's resources at that time. A separate table on the two preceding pages gives the December dependable capacity and maximum output of the major Commission-owned stations and the major sources of purchased power. In any comparison of total requirements and resources, allowance should be made for that part of total requirements which may be interrupted over the peak period in accordance with contract terms accepted by the customer. In 1968 this was in the order of 315 megawatts.

The dependable capacity of a hydro-electric generating station is the estimated output which an analysis of historical stream-flow conditions indicates the station is capable of producing 98 per cent of the time. It can be expected to exceed this output in 49 out of 50 years. Since the stations so rated are distributed on many widely separated watersheds, and since all would not be simultaneously affected by low stream flows, the total hydro-electric generating capacity of the system is estimated to be greater than the sum of the various station capacities by an allowance for this diversity. The dependable peak capacity of a thermal-electric station is the net output of its fully commissioned units, but units in a fairly advanced stage of commissioning are occasionally included at a conservatively estimated proportion of their rated capacity. In any event, the margin of reserve capacity is conservatively measured both in the calculation of requirements and in the calculation of capacity.

Statistics on peak loads and capacities are given in the Report in kilowatts, but they may be conveniently converted to horsepower on the basis that one horsepower is equivalent to approximately 0.746 kilowatts.

The Analysis of Energy Sales on pages 98 and 99 shows how the kilowatt-hours made available by the Commission and the associated municipal utilities were distributed to the various classes of ultimate customers or to interconnected systems. The table on Disposal of Energy by the Commission reconciles these figures with system primary energy requirements and the total energy generated and purchased by the Commission.

THE COMMISSION'S POWER RESOURCES—1968

		Dependable Capacity*	Maximum Output*	Annual Energy Output (Net)†
		kw	kw	kwh
East System				
<i>River</i>	<i>Hydro-Electric Generating Stations</i>			
Niagara	‡Sir Adam Beck — Niagara No. 1	420,000	426,000	2,970,014,440
	Sir Adam Beck — Niagara No. 2	1,287,000	1,357,000	9,005,915,000
	Pumping-Generating Station	108,000	92,000	129,109,700
	**Ontario Power	—	98,000	265,436,000
	**Toronto Power	—	81,000	105,305,145
Welland Canal	DeCew Falls No. 1	31,000	32,100	135,588,480
	DeCew Falls No. 2	124,000	137,000	979,113,100
	Adjustment to Niagara River stations to compensate for use of water by Ontario Hydro rather than by another producer	75,000		
St. Lawrence	Robert H. Saunders — St. Lawrence	817,000	870,000	6,725,954,000
Ottawa	Des Joachims	371,000	381,000	2,156,753,000
	Otto Holden	193,000	218,000	1,112,685,800
	Chenau	115,000	115,500	701,819,000
	Chats Falls (Ontario half)	77,000	87,000	521,296,000
Madawaska	Mountain Chute	165,000	166,000	239,973,200
	Barrett Chute	159,000	168,000	170,116,800
	Stewartville	65,000	64,500	205,169,500
Abitibi	‡Abitibi Canyon	226,000	211,000	1,473,852,100
	Otter Rapids	177,000	175,000	813,072,000
Mississagi	George W. Rayner	46,000	47,180	333,041,680
	Red Rock Falls	40,000	40,320	225,867,000
Mattagami	Kipling	142,000	136,000	718,415,000
	Little Long	125,000	130,000	678,052,000
	Harmon	125,000	138,500	751,057,000
Various	Other hydro-electric generating stations	150,600	155,270	884,042,780
	Diversity — Adjustment due to difference between the calculation of capacity on an individual plant basis and for the system as a whole	42,400		
	Total hydro-electric — East System	4,931,000	—	31,043,429,325
<i>Location</i>	<i>Thermal-Electric Generating Stations</i>			
Windsor	J. Clark Keith	255,000	247,500	1,050,249,300
Toronto	Lakeview	2,205,000	2,190,000	8,535,776,000
	Richard L. Hearn	1,193,000	1,177,500	5,989,381,300
Rolphton	Nuclear Power Demonstration	—	25,400	86,893,000
Various	Combustion turbines	321,000	318,800	86,239,800
	Total thermal-electric — East System	3,974,000	—	15,748,539,400
	Total generated — East System	8,905,000	—	46,791,968,725

THE COMMISSION'S POWER RESOURCES—1968

		Dependable Capacity*	Maximum Output*	Annual Energy Output (Net)†
		kw	kw	kwh
East System — Continued				
Sources of Purchased Power				
Atomic Energy of Canada Limited — Douglas Point		200,000	212,000	799,170,290
Detroit Edison Company		—	354,000	825,756,900
† Niagara Mohawk Power Corporation		—	410,000	1,050,673,000
** Canadian Niagara Power Company		—	28,000	1,049,000
Power Authority of the State of New York		—	343,000	722,608,000
† Quebec Hydro-Electric Commission		348,000	611,900	2,959,299,060
MacLaren Quebec Power Company		93,000	101,600	679,561,000
Ottawa Valley Power Company		77,000	87,000	522,517,000
† Abitibi Paper Company Limited		—	32,000	79,725,588
Great Lakes Power Corporation Limited		4,100	4,160	28,690,291
Miscellaneous (relatively small suppliers)		1,500	41,160	15,787,660
Total purchased — East System		723,600	—	7,684,837,789
West System				
River Hydro-Electric Generating Stations				
Nipigon	Pine Portage	115,200	126,000	805,339,000
	Cameron Falls	76,400	76,800	561,083,000
	Alexander	62,000	65,500	424,284,000
English	Caribou Falls	75,700	77,000	542,478,275
	Manitou Falls	60,000	68,700	439,465,300
Kaministiquia	Silver Falls	45,600	48,800	278,360,000
Winnipeg	Whitedog Falls	52,600	54,000	374,643,000
Aguasabon	Aguasabon	46,100	45,600	343,384,740
Various	Other hydro-electric generating stations	29,200	41,200	259,588,500
Diversity — Adjustment due to difference between the calculation of capacity on an individual plant basis and for the system as a whole		17,700	—	—
Total hydro-electric — West System		580,500	—	4,028,625,815
Location Thermal-Electric Generating Stations				
Fort William	Thunder Bay	100,000	57,500	110,827,500
Various	Combustion turbines and diesel-electric	29,000	16,000	1,398,673
Total generated — West System		709,500	—	4,140,851,988
Sources of Purchased Power				
Manitoba Hydro-Electric Board —		—	6,400	74,770,623
Ontario Minnesota Pulp and Paper Company Limited —		—	10,000	1,071,000
Total purchased — West System		—	—	75,841,623
Total generated		9,614,500	—	50,932,820,713
Total purchased		723,600	—	7,760,679,412
Total generated and purchased		10,338,100	—	58,693,500,125

*The power capacity and output reported in this table are the 20-minute peaks for the month of December. Since the various maximum outputs do not coincide, their sum is not the peak load of the system.

†Net output of generating station or total received from supplier.

**25 cycles per second.

‡25 and 60 cycles per second.

POWER RESOURCES AND REQUIREMENTS

	EAST SYSTEM			
	1967 kw	1968 kw	Net Increase kw %	
Dependable Peak Capacity				
Generated—Hydro-electric	4,611,000	4,931,000	320,000	6.9
Thermal-electric	3,176,000	3,974,000	798,000	25.1
Total Generated	7,787,000	8,905,000	1,118,000	14.4
Purchased	522,500	723,600	201,100	38.5
Total Generated and Purchased	8,309,500	9,628,600	1,319,100	15.9
Reserve or Deficiency	91,575	241,164	—	—
*Primary Power Requirements	8,401,075	9,387,436	986,361	11.7
Ratio of Reserve or Deficiency to Requirements %	1.1	2.6	—	—

*The capacities shown are those available for a 20-minute period at the times of system primary peak demand in December, the capacity of purchased power sources being based on the terms of the purchased contract. Requirements shown are the December coincident peaks

for each systems and their sum. Some part of East System requirements is subject to interruption over the peak period in accordance with contract terms accepted by customers, the total possible load subject to interruption at the time of the 1968 peak being 315,000 kw.

Energy Made Available by the Commission

	1967		1968		Increase or Decrease
	kwh		kwh		per cent
EAST SYSTEM					
Generated (net)					
Hydro-electric	30,654,611,813		31,043,429,325		1.3
Thermal-electric and combustion-turbine	12,900,256,969		15,748,539,400		22.1
Total Generated	43,554,868,782		46,791,968,725		7.4
Purchased	7,191,021,187		7,684,837,789		6.9
Primary		47,561,858,842		51,772,542,570	8.9
Secondary		3,184,031,127		2,704,263,944	15.1
Total	50,745,889,969	50,745,889,969	54,476,806,514	54,476,806,514	7.4
WEST SYSTEM					
Generated (net)					
Hydro-electric	3,540,816,780		4,028,625,815		13.8
Thermal-electric, combustion-turbine, and diesel-electric	93,486,000		112,226,173		20.0
Total Generated	3,634,302,780		4,140,851,988		13.9
Purchased	235,060,587		75,841,623		67.7
Primary		3,795,110,329		4,016,781,128	5.8
Secondary		74,253,038		199,912,483	169.2
Total	3,869,363,367	3,869,363,367	4,216,693,611	4,216,693,611	9.0
TOTAL					
Generated (net)					
Hydro-electric	34,195,428,593		35,072,055,140		2.6
Thermal-electric, combustion-turbine, and diesel-electric	12,993,742,969		15,860,765,573		22.1
Total Generated	47,189,171,562		50,932,820,713		7.9
Purchased	7,426,081,774		7,760,679,412		4.5
Primary		51,356,969,171		55,789,323,698	8.6
Secondary		3,258,284,165		2,904,176,427	10.9
Total	54,615,253,336	54,615,253,336	58,693,500,125	58,693,500,125	7.5

DECEMBER 1967 AND 1968

WEST SYSTEM				TOTAL			
1967 kw	1968 kw	Net Increase kw	%	1967 kw	1968 kw	Net Increase kw	%
585,800	580,500	-5,300	.9	5,196,800	5,511,500	314,700	6.1
100,000	129,000	29,000	29.0	3,276,000	4,103,000	827,000	25.2
685,800	709,500	23,700	3.5	8,472,800	9,614,500	1,141,700	13.5
—	—	—	—	522,500	723,600	201,100	38.5
685,800	709,500	23,700	3.5	8,995,300	10,338,100	1,342,800	14.9
123,080	102,560	-20,520	-16.7	—	—	—	—
562,720	606,940	44,220	7.9	8,963,795	9,994,376	1,030,581	11.5
21.9	16.9	—	—	—	—	—	—

DISPOSAL OF ENERGY BY THE COMMISSION
1968

	Primary	Secondary	Total
Sales to Municipalities	33,426,062,268†	.....	33,426,062,268
Sales to Direct Customers	11,957,334,606	80,242,740	12,037,577,346
— Interconnected Systems	294,936,383†	2,789,484,504	3,084,420,887
	<u>45,678,333,257</u>	<u>2,869,727,244</u>	<u>48,548,060,501</u>
Retail Sales			
In Towns and Villages	302,591,495	.....	302,591,495
In Rural Areas	5,324,505,400	.....	5,324,505,400
To Special Customers	609,281,886	1,657,048	610,938,934
— Interconnected Systems	29,705,009†	.....	29,705,009
	<u>6,266,083,790</u>	<u>1,657,048</u>	<u>6,267,740,838</u>
Total Commission Sales	51,944,417,047	2,871,384,292	54,815,801,339
Distribution Losses and Unaccounted for	481,266,877	.....	481,266,877
Transmission Losses and Unaccounted for	3,363,639,774*	32,792,135*	3,396,431,909
Total Primary Demand and Secondary Load Carried	<u>55,789,323,698</u>	<u>2,904,176,427</u>	<u>58,693,500,125</u>

* The apportioning of transmission losses to primary and secondary loads is estimated.

† These kilowatt-hours of primary energy amounting in total to 33, 750, 703, 660 kwh were delivered for resale.

ANALYSIS OF
by the Commission and Associated

	SALES BY ASSOCIATED MUNICIPAL ELECTRICAL UTILITIES LISTED IN STATEMENT A
	kwh
Ultimate use:	
Residential service	11,357,000,552
Summer service .....	.....
Total sales residential-type service	11,357,000,552
Commercial service	7,154,370,619
Industrial power service — primary	13,685,577,988
— secondary .....	.....
Farm .....	.....
Street lighting	406,292,924
Unclassified as to ultimate use:	
To interconnected systems for resale — primary .....	.....
— secondary .....	.....
Total sales to ultimate customers and for resale	32,603,242,083
Adjustments:	
Distribution losses and unaccounted for — MEU	1,244,281,090
Generated by MEU listed in Statement A	216,314,630
Purchased by MEU listed in Statement A from sources other than the Commission	205,146,275
Commission sales to municipalities and to direct and retail customers . . .	33,426,062,268
Distribution losses and unaccounted for — Commission .....	.....
Transmission losses and unaccounted for — Commission .....	.....
Generated and purchased by the Commission .....	.....

* For administrative purposes classified with retail sales.

ENERGY SALES

Municipal Electrical Utilities during 1968

SALES BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO				Total
To Retail Customers			To Direct Customers	
In Certain Towns and Villages Served by Commission Distribution Facilities	In Rural Areas	Special*		
kwh	kwh	kwh	kwh	kwh
174,566,700	1,992,463,900	.....	.....	13,524,031,152
.....	181,449,700	.....	.....	181,449,700
174,566,700	2,173,913,600	.....	.....	13,705,480,852
100,274,795	562,106,300	.....	.....	7,816,751,714
23,249,700	1,162,315,200	609,281,886	11,957,334,606	27,437,759,380
.....	.....	1,657,048	80,242,740	81,899,788
.....	1,403,287,300	.....	.....	1,403,287,300
4,500,300	22,883,000	.....	.....	433,676,224
.....	.....	29,705,009	294,936,383	324,641,392
.....	.....	.....	2,789,484,504	2,789,484,504
302,591,495	5,324,505,400	640,643,943	15,121,998,233	53,992,981,154
.....	.....	.....	.....	1,244,281,090
.....	.....	.....	.....	216,314,630
.....	.....	.....	.....	205,146,275
302,591,495	5,324,505,400	640,643,943	15,121,998,233	54,815,801,339
22,884,997	458,381,880	.....	.....	481,266,877
.....	.....	.....	.....	3,396,431,909
.....	.....	.....	.....	58,693,500,125

TOTAL MILEAGE OF TRANSMISSION LINES AND CIRCUITS

Voltage and Structure	Line Route or Structure Miles		Circuit Miles	
	At Dec. 31,1967	At Dec. 31,1968	At Dec. 31,1967	At Dec. 31,1968
EAST SYSTEM				
500,000-volt aluminum tower	76.01	76.01	76.01	76.01
500,000-volt steel tower	359.51	359.51	359.51	359.51
345,000-volt steel tower	—	2.50	—	2.50
230,000-volt steel tower	3,365.87	3,484.48	4,503.80	4,730.54
230,000-volt wood pole	252.01	252.01	252.01	252.01
230,000-volt underground	1.32	1.94	2.64	3.88
115,000-volt steel tower	1,914.88	1,918.34	3,218.16	3,221.62
115,000-volt wood pole	1,821.12	1,831.52	1,832.34	1,842.74
115,000-volt underground	40.01	41.78	74.32	77.25
60,000-volt steel tower	11.20	2.20	12.33	2.20
60,000-volt wood pole	3.31	6.15	3.31	6.15
44,000-volt and less, wood and steel	6,400.54	6,364.45	6,865.86	6,832.01
Total—East System	14,245.78	14,340.89	17,200.29	17,406.72
WEST SYSTEM				
230,000-volt steel tower	—	104.60	—	209.20
115,000-volt steel tower	424.15	424.15	628.05	628.05
115,000-volt wood pole	917.32	917.32	917.32	917.32
69,000-volt wood pole	203.72	203.72	203.72	203.72
44,000-volt and less, wood and steel	501.24	501.54	542.59	542.89
Total—West System	2,046.43	2,151.33	2,291.68	2,501.18
Total—East and West Systems	16,292.21	16,492.22	19,491.97	19,907.90

APPENDIX II—FINANCIAL

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FIXED
for the Year Ended

	IN		
	Changes		
	Balance December 31, 1967	Placed in Service	Relocated and Reclassified
	\$	\$	\$
Power Supply Facilities			
GENERATING STATIONS			
Thermal-Electric—			
Conventional	398,734,626	92,492,817	209,918
Nuclear	1,826,744	2,610,400	.....
Combustion Turbine	31,695,983	5,807,517	52,572
Total Thermal-Electric	432,257,353	100,910,734	157,346
Hydro-Electric	1,399,201,210	20,422,253	3,156
Total Generating Stations	1,831,458,563	121,332,987	154,190
TRANSFORMER STATIONS	351,272,637	25,453,105	150,706
TRANSMISSION LINES	376,356,191	24,784,236	152,393
COMMUNICATION EQUIPMENT	13,557,819	567,851	3,000
RETAIL DISTRIBUTION PLANT AND EQUIPMENT	358,444,378	22,322,347	156,814
Total Power Supply Facilities .	2,931,089,588	194,460,526	2,063
Administrative and Service			
Land, Buildings, and Equipment			
LAND AND BUILDINGS	36,054,756	5,141,962	1,439
OFFICE AND SERVICE EQUIPMENT	69,550,159	13,604,789	624
Total Administrative and Service Land, Buildings, and Equipment	105,604,915	18,746,751	2,063
TOTAL FIXED ASSETS	3,036,694,503	213,207,277	.....

ASSETS**December 31, 1968**

SERVICE				
during Year				
Retired	Balance December 31, 1968	UNDER CONSTRUCTION DECEMBER 31, 1968	TOTAL FIXED ASSETS DECEMBER 31, 1968	EXPENDITURES DURING 1968
\$	\$	\$	\$	\$
203,718	490,813,807	180,329,086	671,142,893	89,441,009
.....	4,437,144	83,339,645	87,776,789	51,812,209
404	37,555,668	159,677	37,715,345	1,039,010
204,122	532,806,619	263,828,408	796,635,027	142,292,228
615,144	1,419,011,475	66,020,968	1,485,032,443	50,479,787
819,266	1,951,818,094	329,849,376	2,281,667,470	192,772,015
2,985,291	373,891,157	37,267,154	411,158,311	38,270,503
1,639,876	399,348,158	60,139,805	459,487,963	53,438,922
53,290	14,069,380	4,679,143	18,748,523	4,467,917
9,101,621	371,821,918	3,817,895	375,639,813	23,275,793
14,599,344	3,110,948,707	435,753,373	3,546,702,080	312,225,150
252,688	40,945,469	4,888,512	45,833,981	3,509,965
6,725,196	76,430,376	.....	76,430,376	13,604,789
6,977,884	117,375,845	4,888,512	122,264,357	17,114,754
21,577,228	3,228,324,552	440,641,885	3,668,966,437	329,339,904

Disposition of Fixed Assets Retired during 1968

Cost of fixed assets retired	\$21,577,228
Deduct:	
Proceeds from sales	\$6,574,204
Charges to operations	549,845
Charges to plant under construction	180,942
	<u>7,304,991</u>
Net charge to accumulated depreciation	<u>\$14,272,237</u>

**ACCUMULATED DEPRECIATION
for the Year Ended December 31, 1968**

	POWER SUPPLY FACILITIES		ADMINISTRATIVE AND SERVICE BUILDINGS AND EQUIPMENT	TOTAL
	Generation, Transformation, Transmission, and Communications	Retail Distribution		
	\$	\$	\$	\$
Balances at December 31, 1967	388,262,299	108,602,237	42,801,505	539,666,041
Add:				
Provision in the year:				
Charged - directly to operations ...	39,814,319	13,184,736	.....	52,999,055
Charged to various overhead accounts	16,444	.....	8,665,379	8,681,823
Transfers	40,248	38,466	1,782	.....
Excess of salvage recoveries over removal costs on assets retired	840,264	175,552	1,902	1,013,914
Other adjustments ..	473,865	299,673	1,095	772,443
	429,366,943	122,300,664	51,465,669	603,133,276
Deduct:				
Cost of fixed assets retired, less proceeds from sales	2,680,873	5,781,932	5,809,432	14,272,237
Balances at December 31, 1968	426,686,070	116,518,732	45,656,237	588,861,039

**FREQUENCY STANDARDIZATION ACCOUNT
for the Year Ended December 31, 1968**

	\$
Balance at December 31, 1967	109,672,724
Add interest for the year	4,017,020
	113,689,744
Deduct amortization charged to cost of power	16,134,225
Balance at December 31, 1968	97,555,519

**BONDS PAYABLE IN CANADIAN FUNDS
AS AT DECEMBER 31, 1968**

Guaranteed as to Principal and Interest by the Province of Ontario

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding December 31, 1968
			%	\$
July 1, 1969	—	July 1, 1959	5¼	11,155,000
July 15, 1969	July 15, 1966	July 15, 1953	4¼	24,504,500
July 15, 1969	July 15, 1966	July 15, 1953	4¼	17,528,000
Nov. 1, 1969	Nov. 1, 1967	Nov. 1, 1949	3	48,481,000
Jan. 1, 1970	—	Jan. 1, 1930	4¾	9,001,000
Feb. 15, 1970	—	Feb. 15, 1960	6	14,239,500
Apr. 1, 1970	Apr. 1, 1968	Apr. 1, 1950	3	52,497,000
June 15, 1970	—	June 15, 1962	4½	10,224,000
July 15, 1970	—	July 15, 1960	5¼	4,637,500
Oct. 15, 1970	Oct. 15, 1969	Oct. 15, 1958	4½	4,633,000
Feb. 1, 1971	—	Feb. 1, 1964	5	15,091,600
Feb. 15, 1971	—	Feb. 15, 1961	5¼	5,114,000
Mar. 1, 1971	—	Mar. 1, 1963	5	13,290,000
June 1, 1971	June 1, 1961	June 1, 1946	2¾	18,034,000
Nov. 15, 1971	—	Nov. 15, 1961	4¾	6,627,500
July 5, 1972	—	July 5, 1967	6	15,000,000
Sept. 20, 1972	—	Sept. 20, 1967	6½	12,000,000
Mar. 15, 1973	—	Mar. 15, 1967	5¾	11,000,000
June 15, 1973	June 15, 1971	June 15, 1950	3	54,300,000
July 15, 1974	July 15, 1972	July 15, 1956	4	46,723,500
Oct. 15, 1974	Oct. 15, 1972	Oct. 15, 1956	4½	24,698,500
Aug. 15, 1975	Feb. 15, 1972	Feb. 15, 1957	4¾	33,825,000
Jan. 15, 1976	Jan. 15, 1974	Jan. 15, 1956	4	44,334,500
Nov. 15, 1976	Nov. 15, 1974	Nov. 15, 1957	5	34,851,000
Jan. 5, 1977	Jan. 5, 1975	Jan. 5, 1967	6¼	15,000,000
Mar. 1, 1977	Mar. 1, 1975	Mar. 1, 1955	3½	39,175,000
Apr. 1, 1977	Apr. 1, 1974	Apr. 1, 1957	5	75,119,500
Mar. 1, 1978	Mar. 1, 1976	Mar. 1, 1958	4½	33,494,000
Oct. 15, 1978	Oct. 15, 1976	Oct. 15, 1958	5	47,010,000
May 15, 1979	May 15, 1974	May 15, 1954	3½	34,633,000
July 1, 1979	—	July 1, 1959	5¼	29,898,500
Oct. 15, 1979	Oct. 15, 1974	Oct. 15, 1954	3½	49,945,000
Feb. 15, 1980	Feb. 15, 1978	Feb. 15, 1960	6	27,023,000
July 15, 1980	July 15, 1978	July 15, 1960	5½	37,484,000
Feb. 15, 1981	Feb. 15, 1979	Feb. 15, 1961	5½	40,664,000
June 15, 1982	June 15, 1979	June 15, 1962	5	34,438,000
Mar. 1, 1983	Mar. 1, 1980	Mar. 1, 1963	5¼	42,196,000
June 15, 1983	June 15, 1979	June 15, 1963	5	53,555,900
Nov. 15, 1983	Nov. 15, 1980	Nov. 15, 1961	5¼	41,468,000
Feb. 1, 1984	Feb. 1, 1981	Feb. 1, 1964	5¼	52,787,300
Oct. 1, 1984	Oct. 1, 1980	Oct. 1, 1964	5¼	56,338,000
Feb. 1, 1985	Feb. 1, 1981	Feb. 1, 1965	5¼	72,352,500
July 5, 1987	July 5, 1985	July 5, 1967	6¼	24,900,000
Jan. 4, 1988	Jan. 4, 1984	Jan. 4, 1966	5¾	52,447,000
Apr. 15, 1988	Apr. 15, 1984	Apr. 15, 1966	6	49,347,500
July 5, 1988	July 5, 1984	July 5, 1966	6	47,968,000

Continued

BONDS PAYABLE IN CANADIAN FUNDS**AS AT DECEMBER 31, 1968—Concluded***Guaranteed as to Principal and Interest by the Province of Ontario*

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding December 31, 1968
			%	\$
Jan. 5, 1989	Jan. 5, 1985	Jan. 5, 1967	6¼	41,440,500
Sept. 20, 1989	Sept. 20, 1985	Sept. 20, 1967	6½	28,000,000
Mar. 15, 1990	Mar. 15, 1986	Mar. 15, 1967	6	48,417,000
Apr. 1, 1992	Apr. 1, 1988	Apr. 1, 1968	7	48,900,000
Aug. 15, 1992	Aug. 15, 1988	Aug. 15, 1968	7	50,000,000
Sept. 18, 1992	Sept. 18, 1988	Sept. 18, 1968	7	65,000,000
Total bonds payable in Canadian funds				1,770,791,800

BONDS PAYABLE IN UNITED STATES FUNDS**AS AT DECEMBER 31, 1968**

*Held by the Province of Ontario and having terms identical with issues
sold in the United States by the Province of Ontario on behalf of the Commission*

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding December 31, 1968
			%	\$
May 15, 1971	May 15, 1956	May 15, 1951	3¼	47,265,000
Sept. 1, 1972	Sept. 1, 1956	Sept. 1, 1951	3¼	41,867,000
Feb. 1, 1975	Feb. 1, 1958	Feb. 1, 1953	3¼	45,784,000
Nov. 1, 1978	Nov. 1, 1958	Nov. 1, 1953	3-5/8	47,732,000
Mar. 15, 1980	Mar. 15, 1959	Mar. 15, 1954	3-1/8	29,765,000
May 15, 1981	May 15, 1961	May 15, 1956	3-7/8	43,518,000
Feb. 1, 1984	Feb. 1, 1969	Feb. 1, 1959	4¼	71,769,000
Sept. 15, 1990	Sept. 15, 1975	Sept. 15, 1965	4¼	49,545,000
Apr. 1, 1996	Apr. 1, 1981	Apr. 1, 1966	5½	34,465,000
Apr. 15, 1997	Apr. 15, 1982	Apr. 15, 1967	5-5/8	63,486,000
Dec. 1, 1997	Dec. 1, 1982	Dec. 1, 1967	6-7/8	74,980,000
Aug. 1, 1998	Aug. 1, 1983	Aug. 1, 1968	7-1/8	75,000,000
Add exchange premium (net) at date of issue				625,176,000
				22,228,186
Total bonds payable in United States funds				647,404,186

Summary of Changes in Bonds Payable during the Year Ended December 31, 1968

	Payable in Canadian Funds	Payable in United States Funds
	\$	\$
Outstanding at December 31, 1967	1,725,869,800	537,751,033
Add issues during the year	165,000,000	113,381,374
	1,890,869,800	651,132,407
Deduct redemptions during the year	120,078,000	3,728,221
Outstanding at December 31, 1968	1,770,791,800	647,404,186

ADVANCES FROM THE PROVINCE OF ONTARIO AS AT DECEMBER 31, 1968

*Annuity bonds repayable to the Province in accordance with the terms of Province
of Ontario bonds issued in part for the purposes of the Commission*

Date of Maturity	Interest Rate	Balances of Advances Outstanding December 31, 1968 (Payable in Canadian, United States, or Sterling Funds)
	%	\$
May 15, 1969-1970	4½	849,598
Jan. 15, 1969-1971	4½	853,518
June 1, 1969-1971	4	1,165,080
Total advances		2,868,196

Summary of Changes in Advances from the Province of Ontario
during the Year Ended December 31, 1968

	\$
Balance of advances at December 31, 1967	4,330,961
Deduct repayments during the year	1,462,765
Balance of advances at December 31, 1968	2,868,196

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDIZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt-hours	\$	\$	\$	\$	\$
Acton	5,934.8	30,574.1	160,698	15,001	-	791	17,804
Ailsa Craig	423.2	2,146.7	11,460	1,049	1,099	-	1,270
Ajax	11,212.4	63,797.0	303,601	28,341	-	2,881	5,606
Alexandria	3,854.7	20,547.0	104,374	9,676	3,644	386	1,927
Alfred	937.4	5,006.6	25,382	2,324	2,435	-	469
Alliston	3,852.5	22,149.2	104,314	9,738	-	814	1,926
Almonte	2,605.3	13,336.8	70,545	6,585	-	2,770	1,303
Alvinston	366.3	1,578.4	9,918	908	951	-	1,099
Amherstburg	5,218.8	33,044.5	141,311	13,191	-	1,786	15,656
Ancaster Twp.	2,838.8	15,520.5	76,867	7,038	7,373	-	8,516
Apple Hill	165.0	825.4	4,467	409	429	-	83
Arkona	335.6	1,695.3	9,087	832	872	-	1,007
Arnprior	7,276.4	44,651.1	197,025	18,115	14,912	1,412	3,638
Arthur	1,103.9	5,962.9	29,889	2,777	717	531	552
Athens	742.9	3,934.6	20,115	1,842	1,930	-	371
Atikokan Twp.	3,828.7	22,216.3	103,670	9,493	9,945	9,604	-
Aurora	8,830.3	50,522.7	239,099	22,320	-	2,790	26,491
Avonmore	191.6	940.0	5,188	475	498	-	96
Aylmer	5,404.8	28,384.4	146,348	13,510	8,128	916	16,214
Ayr	1,112.6	5,588.4	30,125	2,759	2,890	-	3,338
Baden	1,048.4	5,070.4	28,389	2,622	1,487	67	3,145
Bancroft	1,799.5	9,053.9	48,725	4,477	3,893	59	900
Barrie	29,569.5	167,456.0	800,662	74,742	-	-	14,784
Barry's Bay	958.2	4,764.6	25,945	2,376	2,489	-	479
Bath	545.9	2,773.0	14,782	1,353	1,418	-	273
Beachburg	484.3	2,416.2	13,114	1,224	-	-	242
Beachville	2,505.1	16,688.8	67,832	6,332	-	944	7,515
Beamsville	2,875.7	15,114.4	77,867	7,269	-	345	8,627
Beaverton	1,576.3	9,116.9	42,683	3,984	-	1,027	788
Beeton	704.8	3,726.9	19,084	1,747	1,831	524	353
Belle River	1,434.4	8,244.5	38,838	3,568	3,100	276	4,303
Belleville	30,004.4	175,530.5	812,438	75,841	-	2,449	15,002
Belmont	1,215.3	6,610.3	32,909	3,019	2,822	-	3,646
Blenheim	2,390.7	12,868.0	64,734	5,927	6,210	-	7,172
Bloomfield	628.3	3,006.8	17,012	1,588	-	-	314
Blyth	930.2	4,864.8	25,187	2,306	2,416	-	2,791
Bobcaygeon	1,384.2	7,855.2	37,480	3,432	3,595	1,044	692
Bolton	1,778.4	10,478.1	48,154	4,409	4,619	-	5,335
Bothwell	591.0	3,067.2	16,001	1,465	1,535	-	1,773
Bowmanville	10,234.6	54,557.6	277,125	25,870	-	592	5,117

*See note 8, page 126.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1968

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
22,245	84,079	256,128	251,090.20	5,037.80	28.98	43.16	8.38
2,389	5,903	18,392	18,467.34	75.34	29.50	43.46	8.57
14,311	175,442	501,560	498,604.57	2,955.43	29.08	44.73	7.86
9,555	56,504	166,956	166,813.29	142.71	28.65	43.31	8.13
1,254	13,768	43,124	42,766.21	357.79	31.31	46.00	8.61
9,805	60,910	167,897	170,580.16	2,683.16	27.76	43.58	7.58
5,316	36,676	112,563	110,789.36	1,773.64	29.12	43.21	8.44
2,477	4,341	14,740	14,473.74	266.26	28.39	40.24	9.34
17,890	90,873	244,927	240,476.16	4,450.84	29.51	46.93	7.41
8,601	42,681	133,874	134,095.87	221.87	32.12	47.16	8.63
696	2,270	6,962	6,746.42	215.58	28.43	42.19	8.43
1,842	4,662	14,618	14,662.05	44.05	29.66	43.56	8.62
16,357	122,791	341,536	342,756.72	1,220.72	30.05	46.94	7.65
4,280	16,398	46,584	46,522.39	61.61	27.34	42.20	7.81
2,227	10,820	32,851	32,418.59	432.41	29.65	44.22	8.35
12,071	61,095	181,736	182,065.48	329.48	31.51	47.47	8.18
16,584	138,937	413,053	405,378.48	7,674.52	31.04	46.78	8.18
429	2,585	8,413	8,405.66	7.34	30.41	43.91	8.95
17,567	78,057	245,606	239,904.18	5,701.82	30.99	45.44	8.65
3,940	15,368	50,540	50,242.11	297.89	31.61	45.43	9.04
5,554	13,944	44,100	43,920.55	179.45	28.75	42.06	8.70
3,562	24,898	79,390	77,939.32	1,450.68	30.27	44.12	8.77
68,816	460,504	1,281,876	1,266,031.88	15,844.12	27.77	43.35	7.66
1,323	13,103	43,069	42,777.84	291.16	31.27	44.95	9.04
1,321	7,626	24,131	23,767.04	363.96	30.23	44.20	8.70
870	6,645	20,355	20,172.45	182.55	28.30	42.03	8.42
10,668	45,894	117,849	116,324.70	1,524.30	28.72	47.04	7.06
6,607	41,565	129,066	128,736.76	329.24	30.42	44.88	8.54
5,405	25,071	68,148	65,824.63	2,323.37	27.32	43.23	7.47
3,146	10,249	30,642	29,848.96	793.04	28.93	43.48	8.22
3,878	22,672	68,879	68,542.14	336.86	32.21	48.02	8.35
89,370	482,709	1,299,069	1,280,029.51	19,039.49	27.20	43.30	7.40
1,314	18,178	59,260	58,945.49	314.51	33.79	48.76	8.96
8,997	35,387	110,433	110,347.70	85.30	31.39	46.19	8.58
2,280	8,269	24,903	24,683.68	219.32	26.47	39.63	8.28
3,436	13,378	42,642	42,524.61	117.39	31.46	45.84	8.77
2,607	21,602	65,238	64,324.47	913.53	31.52	47.13	8.31
4,919	28,815	86,413	85,568.72	844.28	32.38	48.59	8.25
2,766	8,435	26,443	26,342.30	100.70	30.47	44.74	8.62
31,362	150,033	427,375	423,578.91	3,796.09	27.10	41.76	7.83

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILI- TIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Bracebridge	1,368.4	4,159.9	37,054	3,459	-	2,965	684
Bradford	2,557.0	14,663.8	69,236	6,464	-	-	1,278
Braeside	2,010.6	8,962.5	54,441	5,072	528	320	1,005
Brampton	35,991.7	203,132.9	974,558	90,968	-	-	107,975
Brantford	62,178.0	360,957.8	1,683,612	157,166	-	-	186,534
Brantford Twp.	10,126.0	58,585.8	274,185	25,503	4,997	9,291	30,377
Brechin	174.7	886.2	4,730	433	454	-	87
Bridgeport	1,537.6	8,181.6	41,634	3,812	3,994	-	4,613
Brigden	315.2	1,504.8	8,535	781	819	-	946
Brighton	2,369.2	12,769.9	64,151	5,989	-	-	1,185
Brockville	22,712.4	130,688.0	614,990	57,410	-	-	11,356
Brussels	762.9	3,910.4	20,657	1,891	1,982	-	2,289
Burford	997.2	5,229.9	27,001	2,472	2,590	-	2,992
Burgessville	287.2	1,212.4	7,776	712	746	265	862
Burk's Falls	1,061.4	5,269.2	28,740	2,683	-	-	531
Burlington	61,889.0	356,051.8	1,675,786	155,971	24,916	69,769	185,667
Cache Bay	264.7	1,372.8	7,167	669	-	-	-
Caledonia	1,494.4	8,392.0	40,465	3,705	3,882	-	4,483
Campbellford	2,008.3	6,003.1	54,379	5,076	-	4,633	1,004
Campbellville	193.5	937.2	5,240	480	503	-	581
Cannington	956.3	4,964.7	25,894	2,417	-	-	478
Capreol	2,410.5	13,958.7	65,270	6,093	-	170	-
Cardinal	1,031.6	5,427.0	27,933	2,558	2,679	-	516
Carleton Place	4,352.0	24,407.2	117,840	10,897	5,573	535	2,176
Casselman	1,004.3	4,889.9	27,194	2,490	2,609	-	502
Cayuga	697.2	3,896.8	18,877	1,729	1,811	74	2,092
Chalk River	585.3	3,431.4	15,848	1,479	-	-	293
Chapleau	1,918.1	10,164.0	51,936	4,756	4,982	-	-
Chatham	34,855.1	201,591.8	943,783	88,102	-	-	104,565
Chatsworth	336.6	1,694.4	9,113	835	874	-	168
Chesley	1,631.5	8,414.4	44,177	4,124	-	167	816
Chesterville	1,829.0	9,196.6	49,524	4,535	4,751	-	915
Chippawa	1,976.6	10,919.9	53,521	4,901	5,134	-	5,930
Clifford	458.4	2,464.0	12,413	1,137	1,191	-	1,375
Clinton	2,812.0	15,006.7	76,142	7,108	-	572	8,436
Cobden	780.7	4,009.2	21,139	1,974	-	-	390
Cobourg	15,915.5	92,081.5	430,949	40,229	-	6,534	7,958
Cochrane	3,793.4	21,597.8	102,716	183	-	-	-
Colborne	1,426.9	8,042.4	38,637	3,538	3,706	-	713
Coldwater	926.5	4,838.1	25,087	2,309	1,752	229	463

*See note 8, page 126.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1968

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
803	11,440	54,799	52,633.00	2,166.00	31.68	40.05	13.17
7,425	40,325	109,878	108,459.38	1,418.62	27.20	42.97	7.49
3,301	24,647	82,712	82,502.49	209.51	28.87	41.14	9.23
63,158	558,616	1,668,959	1,660,075.82	8,883.18	30.85	46.37	8.22
250,141	992,635	2,769,806	2,748,417.57	21,388.43	28.58	44.55	7.67
19,668	161,111	485,796	488,655.01	2,859.01	32.06	47.98	8.29
963	2,437	7,178	7,125.66	52.34	27.14	41.09	8.10
3,684	22,499	72,868	73,270.08	402.08	32.75	47.39	8.91
1,946	4,138	13,273	13,236.43	36.57	28.98	42.11	8.82
6,523	35,117	99,919	98,517.31	1,401.69	27.35	42.17	7.82
68,433	359,392	974,715	963,177.09	11,537.91	27.09	42.92	7.46
3,748	10,754	33,825	33,503.27	321.73	30.24	44.34	8.65
3,933	14,382	45,504	45,329.51	174.49	31.21	45.63	8.70
1,178	3,334	12,517	12,449.53	67.47	31.97	43.58	10.32
1,942	14,490	44,502	44,002.13	499.87	28.27	41.93	8.45
83,140	979,142	3,008,111	2,983,444.33	24,666.67	32.78	48.60	8.45
1,267	3,775	10,344	9,805.13	538.87	24.81	39.08	7.54
5,753	23,078	69,860	69,677.19	182.81	31.30	46.75	8.32
1,682	16,509	79,919	77,884.25	2,034.75	31.57	39.79	13.31
873	2,577	8,508	8,438.69	69.31	30.64	43.97	9.08
3,580	13,653	38,862	38,235.98	626.02	26.36	40.64	7.83
6,113	38,386	103,806	102,737.66	1,068.34	27.13	43.06	7.44
4,049	14,924	44,561	44,116.09	444.91	28.73	43.20	8.21
21,040	67,120	183,101	182,334.69	766.31	26.64	42.07	7.50
1,925	13,447	44,317	43,543.32	773.68	30.73	44.13	9.06
2,743	10,716	32,556	32,260.77	295.23	31.33	46.70	8.35
1,236	9,436	25,820	26,145.55	325.55	27.99	44.11	7.52
1,832	27,951	87,793	87,573.70	219.30	31.19	45.77	8.64
107,037	554,378	1,583,791	1,575,948.04	7,842.96	29.53	45.44	7.86
1,440	4,660	14,210	14,169.12	40.88	28.37	42.22	8.39
8,090	23,140	64,334	63,998.35	335.65	25.24	39.43	7.65
6,621	25,291	78,395	77,959.77	435.23	29.03	42.86	8.52
5,488	30,030	94,028	93,928.33	99.67	32.37	47.57	8.61
2,173	6,776	20,719	20,643.77	75.23	30.42	45.20	8.41
11,963	41,268	121,563	119,872.36	1,690.64	28.55	43.23	8.10
2,240	11,025	32,288	31,904.62	383.38	27.23	41.36	8.05
38,018	253,224	700,876	688,016.97	12,859.03	28.12	44.04	7.61
6,139	59,394	156,154	156,673.53	519.53	25.50	41.16	7.23
3,760	22,117	64,951	63,898.96	1,052.04	30.01	45.52	8.08
3,062	13,305	40,083	39,117.02	965.98	28.90	43.26	8.28

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILI- TIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Collingwood	12,231.3	73,108.0	331,190	30,750	8,927	-	6,116
Comber	406.6	1,979.2	11,008	1,008	1,056	-	1,220
Coniston	1,508.8	7,835.3	40,853	3,814	-	74	-
Cookstown	566.0	2,960.1	15,325	1,403	1,470	-	283
Cottam	348.8	1,845.0	9,445	865	906	-	1,046
Courtright	303.5	1,550.4	8,218	752	788	-	910
Creemore	681.7	3,534.8	18,458	1,690	1,771	-	341
Dashwood	449.8	2,265.2	12,179	1,115	1,168	-	1,349
Deep River	4,987.4	28,734.4	135,046	12,606	-	-	2,494
Delaware	309.6	1,501.2	8,384	768	804	-	929
Delhi	3,165.0	16,818.3	85,700	8,000	-	-	9,495
Deseronto	1,427.9	7,644.0	38,664	3,540	3,709	728	714
Dorchester	615.1	3,139.2	16,656	1,525	1,598	-	1,845
Drayton	542.2	2,778.8	14,682	1,344	1,408	-	1,627
Dresden	2,732.5	15,002.1	73,987	6,907	-	2,285	8,198
Drumbo	310.9	1,512.7	8,419	771	808	110	933
Dryden	5,096.2	29,107.0	137,992	12,635	13,237	2,587	-
Dublin	388.7	1,700.0	10,524	964	1,010	-	1,166
Dundalk	965.2	5,077.9	26,136	2,393	2,507	79	483
Dundas	12,599.0	69,830.1	341,148	31,846	-	5,084	37,796
Dunnville	4,731.7	27,265.0	128,121	11,960	-	1,322	14,195
Durham	2,303.6	11,484.0	62,374	5,711	5,983	-	1,152
Dutton	446.4	2,306.9	12,088	1,107	1,159	-	1,339
East York	44,967.7	265,025.3	1,217,600	113,664	-	17,856	134,902
Eganville	889.8	4,395.6	24,093	2,206	2,311	-	445
Elmira	6,184.5	33,939.3	167,459	15,632	-	1,055	18,554
Elmvale	994.5	5,441.6	26,929	2,466	2,583	-	497
Elmwood	229.8	1,032.6	6,221	570	597	-	115
Elora	1,198.1	6,590.3	32,441	2,970	3,112	-	3,594
Embro	542.4	2,976.0	14,686	1,345	1,409	-	1,627
Embrun	1,117.5	5,455.2	30,258	2,771	2,903	-	559
Erieau	504.8	2,697.6	13,667	1,252	1,311	-	1,514
Erie Beach	102.9	450.8	2,787	255	267	-	309
Erin	1,065.4	5,728.0	28,848	2,693	-	-	533
Espanola	3,743.7	20,838.8	101,369	9,463	-	988	-
Essex	2,696.0	15,538.6	73,000	6,814	-	-	8,088
Etobicoke	276,362.2	1,712,878.6	7,483,137	698,300	13,638	176,254	829,086
Exeter	3,048.7	17,085.9	82,549	7,589	6,303	233	9,146
Fergus	7,528.7	40,829.9	203,858	19,030	-	1,496	22,586
Fenelon Falls	1,203.7	5,897.5	32,593	3,042	-	529	602

*See note 8, page 126.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1968

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
33,280	201,047	544,750	541,172.67	3,577.33	28.09	44.54	7.45
2,675	5,443	17,060	17,065.88	5.88	28.57	41.96	8.62
1,930	21,547	64,358	63,625.69	732.31	28.37	42.66	8.21
1,783	8,140	24,838	24,423.47	414.53	29.50	43.88	8.39
1,468	5,074	15,868	15,663.58	204.42	30.94	45.49	8.60
1,248	4,264	13,684	13,552.35	131.65	31.04	45.09	8.83
2,767	9,721	29,214	29,069.43	144.57	28.59	42.85	8.26
1,929	6,229	20,111	20,100.80	10.20	30.86	44.71	8.88
6,759	79,020	222,407	221,737.20	669.80	28.74	44.59	7.74
1,174	4,128	13,839	13,745.85	93.15	31.36	44.70	9.22
8,850	46,250	140,595	138,683.44	1,911.56	29.80	44.42	8.36
4,477	21,021	63,899	64,100.23	201.23	30.02	44.75	8.36
2,104	8,633	28,153	27,862.75	290.25	31.73	45.77	8.97
2,649	7,642	24,054	23,874.29	179.71	30.26	44.36	8.66
8,253	41,256	124,380	124,854.77	474.77	30.42	45.52	8.29
1,549	4,160	13,652	13,432.97	219.03	30.52	43.91	9.02
9,277	80,044	237,218	236,916.72	301.28	30.84	46.55	8.15
1,338	4,675	17,001	16,901.86	99.14	31.71	43.74	10.00
3,470	13,964	42,092	41,228.89	863.11	29.13	43.61	8.29
37,979	192,033	569,928	565,156.64	4,771.36	29.99	45.24	8.16
19,537	74,979	211,040	208,605.68	2,434.32	28.75	44.60	7.74
8,016	31,581	98,785	98,315.83	469.17	29.17	42.88	8.60
3,432	6,344	18,605	18,131.36	473.64	27.46	41.68	8.06
153,098	728,821	2,059,745	2,035,972.94	23,772.06	29.60	45.80	7.77
1,425	12,088	39,718	38,676.87	1,041.13	31.05	44.64	9.04
20,596	93,333	275,437	275,872.09	435.09	29.44	44.54	8.12
3,351	14,964	44,088	43,295.32	792.68	29.28	44.33	8.10
1,189	2,840	9,154	9,048.03	105.97	27.48	39.83	8.86
6,565	18,123	53,675	52,721.17	953.83	29.67	44.80	8.14
2,353	8,184	24,898	24,345.86	552.14	30.81	45.90	8.37
1,277	15,002	50,216	49,480.15	735.85	31.51	44.94	9.21
2,428	7,418	22,734	22,785.96	51.96	30.34	45.04	8.43
428	1,240	4,430	4,414.10	15.90	30.99	43.05	9.83
1,787	15,752	46,039	46,283.42	244.42	28.42	43.21	8.04
3,592	57,307	165,535	162,858.66	2,676.34	28.90	44.22	7.94
9,392	42,731	121,241	120,907.83	333.17	29.12	44.97	7.80
565,772	4,710,417	13,345,060	13,232,233.85	112,826.15	31.24	48.29	7.79
12,111	46,986	140,695	140,554.82	140.18	30.74	46.15	8.23
20,138	112,282	339,114	330,487.13	8,626.87	30.13	45.04	8.31
128	16,218	52,856	51,012.46	1,843.54	30.43	43.91	8.96

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILI- TIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Finch	338.0	1,601.6	9,153	838	878	-	169
Flesherton	590.9	2,987.4	16,000	1,465	1,535	22	295
Fonthill	1,653.9	9,049.6	44,782	4,101	4,296	-	4,962
Forest	1,972.8	11,348.4	53,418	4,891	5,124	88	5,918
Fort William	42,686.5	258,335.7	1,155,836	107,898	-	-	-
Frankford	1,232.1	6,598.0	33,362	3,055	3,200	-	616
Galt	38,731.3	219,655.0	1,048,738	97,870	-	-	116,194
Georgetown	14,071.5	76,760.7	381,018	35,568	-	3,021	42,214
Glencoe	967.0	4,854.4	26,183	2,398	2,512	46	2,901
Gloucester Twp.	22,628.7	137,385.5	612,724	36,432	36,559	-	11,314
Goderich	7,967.9	45,164.1	215,748	20,140	-	-	23,904
Grand Bend	990.6	5,092.3	26,823	2,456	2,573	123	2,972
Grand Valley	711.7	3,416.4	19,271	1,765	1,849	-	356
Granton	188.2	899.8	5,097	467	489	-	564
Gravenhurst	3,159.2	17,075.7	85,542	7,859	6,835	95	1,580
Grimsby	4,399.6	25,111.0	119,128	10,908	11,427	422	13,199
Guelph	66,025.0	392,542.4	1,787,777	159,800	2,744	96	198,074
Hagersville	2,493.7	11,724.4	67,523	6,202	5,434	1,657	7,481
Hamilton	545,037.4	3,677,694.3	14,758,134	1,338,488	-	-	1,470,865
Hanover	6,627.4	32,010.4	179,454	16,619	7,178	678	3,314
Harriston	1,798.2	10,334.0	48,691	4,545	-	354	5,395
Harrow	2,097.1	11,167.6	56,785	5,215	4,608	442	6,291
Hastings	729.2	4,112.0	19,745	1,808	1,894	-	365
Havelock	828.1	4,408.8	22,423	2,093	-	-	414
Hawkesbury	6,605.5	36,106.7	178,858	16,696	-	-	3,303
Hearst	3,688.6	16,830.9	99,877	9,323	-	784	-
Hensall	1,144.2	5,481.6	30,983	2,837	2,972	-	3,433
Hespeler	7,980.5	40,474.5	216,090	20,172	-	578	23,942
Highgate	297.4	1,190.0	8,054	737	772	-	892
Holstein	146.3	692.8	3,961	363	380	-	73
Huntsville	3,552.7	20,812.2	96,197	8,980	-	-	1,776
Ingersoll	7,545.0	40,673.0	204,298	19,072	-	3,864	22,635
Iroquois	1,169.8	6,294.9	31,675	2,900	3,038	-	585
Jarvis	462.3	2,329.4	12,517	1,146	1,201	-	1,387
Kapuskasing	5,247.1	28,329.7	142,077	13,263	-	910	-
Kemptville	2,675.9	14,703.2	72,455	6,634	6,950	440	1,338
Kenora	9,197.2	52,675.7	249,036	445	-	-	-
Killaloe Station	446.6	2,335.8	12,092	1,129	-	-	223
Kincardine	2,815.6	15,701.8	76,237	7,059	3,108	2,812	1,408
King City	1,482.7	7,946.2	40,146	3,676	3,851	-	4,448

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1968

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per KwH
\$	\$	\$	\$	\$			
1,511	4,404	13,931	13,746.01	184.99	28.18	41.21	8.70
1,764	8,215	25,768	24,922.07	845.93	29.70	43.61	8.63
4,568	24,886	78,459	78,502.58	43.58	32.39	47.44	8.67
9,134	31,208	91,513	91,282.36	230.64	30.56	46.39	8.06
192,259	710,423	1,781,898	1,772,030.66	9,867.34	25.10	41.74	6.90
2,226	18,145	56,152	55,720.44	431.56	30.84	45.57	8.51
133,938	604,051	1,732,915	1,714,128.21	18,786.79	29.14	44.74	7.89
33,687	211,092	639,226	631,636.55	7,589.45	30.42	45.43	8.32
4,301	13,350	43,089	42,940.74	148.26	30.75	44.56	8.88
23,106	377,810	1,051,733	1,031,150.81	20,582.19	29.78	46.48	7.66
31,211	124,201	352,782	351,082.47	1,699.53	28.68	44.28	7.81
3,209	14,004	45,742	45,948.89	206.89	32.03	46.18	8.98
3,016	9,395	29,620	29,035.55	584.45	28.41	41.62	8.67
1,146	2,474	7,945	7,769.64	175.36	29.06	42.22	8.83
12,634	46,958	136,235	136,671.41	436.41	28.25	43.12	7.98
10,519	69,055	213,620	214,547.61	927.61	32.86	48.55	8.51
174,702	1,079,492	3,053,281	3,029,667.25	23,613.75	29.88	46.24	7.78
13,302	32,242	107,237	108,769.49	1,532.49	30.07	43.00	9.15
1,703,282	10,086,160	25,950,365	25,784,319.24	166,045.76	29.10	47.61	7.08
20,831	88,029	274,441	272,209.07	2,231.93	28.12	41.41	8.57
7,950	28,419	79,454	78,905.78	548.22	28.38	44.19	7.69
8,251	30,711	95,801	96,896.23	1,095.23	31.04	45.68	8.58
2,128	11,308	32,992	32,763.58	228.42	29.73	45.24	8.02
3,345	12,124	33,709	33,217.86	491.14	26.06	40.71	7.65
8,173	99,293	289,977	287,908.90	2,068.10	28.86	43.90	8.03
5,324	46,285	150,945	148,165.85	2,779.15	28.37	40.92	8.97
4,484	15,074	50,815	50,808.72	6.28	31.23	44.41	9.27
32,472	111,305	339,615	337,863.95	1,751.05	28.60	42.56	8.39
1,625	3,273	12,103	11,771.44	331.56	29.69	40.70	10.17
641	1,905	6,041	6,050.06	9.06	28.27	41.29	8.72
16,115	57,234	148,072	144,734.27	3,337.73	25.56	41.68	7.11
37,311	111,851	324,409	321,892.64	2,516.36	28.16	43.00	7.98
3,061	17,311	52,448	52,473.95	25.95	30.03	44.84	8.33
3,042	6,406	19,615	19,392.99	222.01	28.57	42.43	8.42
8,973	77,907	225,184	224,145.34	1,038.66	28.06	42.92	7.95
8,071	40,434	120,180	119,542.39	637.61	29.79	44.91	8.17
1,057	144,858	393,282	393,289.29	7.29	27.01	42.76	7.47
841	6,423	19,026	18,806.49	219.51	28.22	42.60	8.15
13,267	43,180	120,537	119,464.45	1,072.55	27.47	42.81	7.68
1,999	21,852	71,974	72,036.06	62.06	33.80	48.54	9.06

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILI- TIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Kingston	55,524.7	334,355.0	1,503,460	140,348	-	-	27,762
Kingsville	2,894.3	15,998.7	78,371	7,206	5,916	2,080	8,683
Kirkfield	146.8	690.0	3,974	364	381	-	73
Kitchener	117,202.9	662,517.0	3,173,537	5,666	-	-	351,609
Lakefield	2,029.0	11,568.0	54,939	5,031	5,270	-	1,015
Lambeth	1,534.7	7,812.9	41,561	3,805	3,986	34	4,604
Lanark	652.1	2,887.4	17,658	1,617	1,694	-	326
Lancaster	435.1	2,362.5	11,781	1,079	1,130	-	218
Larder Lake	931.0	5,417.2	25,209	2,308	2,418	616	-
Latchford	276.7	1,495.7	7,493	699	-	-	-
Leamington	9,287.5	55,586.9	251,481	23,413	3,377	2,520	27,862
Lindsay	14,956.7	90,990.0	404,986	37,806	-	5,149	7,478
Listowel	4,979.8	26,682.6	134,839	12,588	-	235	14,939
London	183,058.9	1,078,989.9	4,956,737	462,713	-	-	549,176
L'Orignal	893.9	4,751.7	24,204	2,216	2,322	-	447
Lucan	812.5	4,317.6	21,999	2,014	2,110	-	2,438
Lucknow	1,086.7	5,344.0	29,426	2,694	2,823	75	543
Lynden	469.5	2,455.6	12,713	1,164	1,219	-	1,409
Madoc	1,285.7	6,842.4	34,812	3,188	3,339	-	643
Magnetawan	139.1	708.8	3,768	352	-	-	70
Markdale	1,061.8	5,781.5	28,751	2,633	2,758	-	531
Markham	7,467.0	40,545.7	202,186	18,552	17,319	6,510	22,400
Marmora	1,017.8	5,414.4	27,559	2,523	2,644	658	509
Martintown	181.1	894.8	4,904	449	470	-	91
Massey	793.1	4,460.7	21,476	2,004	-	-	-
Maxville	780.4	3,716.4	21,131	1,935	2,027	-	390
McGarry Twp.	900.5	4,787.0	24,384	2,233	2,339	-	-
Meaford	4,251.5	23,037.7	115,118	10,638	5,842	1,748	2,126
Merlin	473.9	2,535.2	12,832	1,175	1,231	-	1,422
Merrickville	774.2	3,979.8	20,963	1,919	2,011	-	387
Midland	11,969.0	69,003.4	324,087	30,254	-	858	5,985
Mildmay	569.4	3,532.9	15,419	1,412	1,479	-	285
Millbrook	615.1	3,337.4	16,656	1,525	1,598	-	308
Milton	6,542.7	38,247.2	177,158	16,524	782	1,434	19,627
Milverton	1,198.5	5,591.6	32,452	2,971	3,113	65	3,596
Mississauga	150,211.5	976,565.9	4,067,320	379,504	9,754	66,954	450,635
Mitchell	2,949.2	14,803.8	79,857	7,455	-	2,771	8,848
Moorefield	411.2	1,894.8	11,134	1,020	1,068	-	1,234
Morrisburg	1,745.5	9,579.6	47,263	4,328	4,534	1,025	873
Mount Brydges	620.1	3,270.8	16,790	1,537	1,611	-	1,860

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1968

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
156,117	919,476	2,434,929	2,406,837.67	28,091.33	27.29	43.85	7.28
10,990	43,996	135,262	135,900.87	638.87	31.52	46.73	8.45
655	1,898	6,035	5,963.94	71.06	28.19	41.11	8.75
347,830	1,821,923	5,004,905	4,962,488.15	42,416.85	27.15	42.70	7.55
6,442	31,812	91,625	91,156.99	468.01	29.48	45.16	7.92
4,076	21,485	71,399	71,336.46	62.54	32.51	46.52	9.14
1,927	7,940	27,308	27,221.93	86.07	29.69	41.88	9.46
1,515	6,497	19,190	18,843.48	346.52	29.17	44.10	8.12
2,618	14,897	42,830	42,644.48	185.52	30.00	46.00	7.91
454	4,113	11,851	11,630.99	220.01	27.96	42.83	7.92
31,973	152,864	429,544	429,974.65	430.65	29.78	46.25	7.73
45,014	250,223	660,628	650,167.55	10,460.45	27.43	44.17	7.26
19,764	73,377	216,214	213,163.21	3,050.79	28.68	43.42	8.10
557,754	2,967,222	8,378,094	8,310,290.37	67,803.63	29.55	45.77	7.76
1,149	13,067	41,107	41,310.02	203.02	31.36	45.99	8.65
3,650	11,873	36,784	36,548.73	235.27	30.66	45.27	8.52
5,409	14,696	44,848	44,776.02	71.98	27.74	41.27	8.39
2,011	6,753	21,247	21,325.20	78.20	30.87	45.25	8.65
4,338	18,817	56,461	56,142.50	318.50	29.28	43.91	8.25
309	1,949	5,830	5,780.41	49.59	27.88	41.91	8.23
3,443	15,899	47,129	46,708.29	420.71	29.41	44.39	8.15
11,488	111,501	366,980	358,915.19	8,064.81	34.21	49.15	9.05
3,176	14,890	45,607	45,804.73	197.73	30.18	44.81	8.42
735	2,461	7,640	7,592.43	47.57	28.59	42.19	8.54
1,197	12,267	34,550	34,054.33	495.67	28.09	43.56	7.75
2,737	10,220	32,966	32,821.62	144.38	29.14	42.24	8.87
2,638	13,164	39,482	39,363.84	118.16	29.22	43.84	8.25
13,567	63,354	185,259	183,184.03	2,074.97	28.67	43.57	8.04
2,191	6,972	21,441	21,503.05	62.05	30.53	45.24	8.46
1,483	10,944	34,741	34,446.53	294.47	30.73	44.87	8.73
48,051	189,759	502,892	491,581.54	11,310.46	26.16	42.02	7.29
2,204	9,715	26,106	25,817.35	288.65	28.78	45.85	7.39
1,780	9,178	27,485	27,355.48	129.52	29.76	44.68	8.24
22,461	105,180	298,244	294,147.64	4,096.36	29.51	45.58	7.80
6,906	15,377	50,668	50,621.13	46.87	29.44	42.28	9.06
190,947	2,685,556	7,468,776	7,379,039.55	89,736.45	31.84	49.72	7.65
10,755	40,710	128,886	128,997.67	111.67	29.89	43.70	8.71
1,472	5,211	18,195	18,475.18	280.18	31.57	44.25	9.60
4,891	26,344	79,476	79,241.03	234.97	30.44	45.53	8.30
1,974	8,995	28,819	28,476.96	342.04	31.97	46.47	8.81

STATEMENT OF THE ALLOCATION OF THE for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILI- TIES (Note 3)	FREQUENCY STANDARD- IZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Mount Forest	2,902.1	15,552.2	78,581	7,299	1,945	523	1,451
Napanee	4,172.2	21,787.5	112,972	10,450	5,126	592	2,086
Nepean Twp.	48,244.4	282,380.6	1,306,328	85,541	60,149	-	24,122
Neustadt	464.4	1,989.2	12,575	1,151	1,206	-	232
Newboro	197.5	1,027.5	5,347	490	513	-	99
Newburgh	366.8	1,820.9	9,932	909	953	-	183
Newbury	300.4	1,279.8	8,136	745	780	-	901
Newcastle	1,380.6	7,631.8	37,384	3,490	-	-	690
New Hamburg	2,278.0	12,257.3	61,682	5,664	5,041	746	6,834
Newmarket	9,420.4	53,688.8	255,079	23,578	12,552	4,962	28,261
Niagara	2,144.4	12,249.1	58,065	5,421	-	1,290	6,433
Niagara Falls	45,738.5	279,481.8	1,238,475	115,612	-	27,617	137,216
Nipigon Twp.	1,835.4	11,171.8	49,698	4,551	4,767	-	-
North Bay	38,300.2	232,583.5	1,037,065	96,810	-	4,443	-
North York	365,191.9	2,160,218.3	9,888,405	914,652	-	-	1,095,576
Norwich	1,011.7	5,718.9	27,394	2,508	2,628	857	3,035
Norwood	833.7	4,393.6	22,574	2,067	2,165	-	417
Oakville	92,782.2	640,774.8	2,512,291	234,331	10,362	45,170	278,347
Oil Springs	406.5	2,467.2	11,007	1,008	1,056	-	1,220
Omeme	626.7	3,157.9	16,968	1,554	1,628	-	313
Orangeville	5,567.9	31,822.7	150,763	13,988	4,642	1,236	2,784
Orillia	13,542.8	69,902.5	366,702	34,223	457	11,113	6,771
Orono	854.0	4,676.6	23,125	2,117	2,218	-	427
Oshawa	111,057.0	654,221.8	3,007,122	280,716	-	-	55,529
Ottawa	284,332.2	1,695,584.5	7,698,948	610,215	738	-	142,165
Otterville	455.8	2,424.4	12,342	1,130	1,184	-	1,367
Owen Sound	19,556.3	118,860.4	529,532	49,164	14,426	-	9,778
Paisley	641.5	3,326.6	17,371	1,621	-	-	321
Palmerston	1,482.0	8,124.7	40,129	3,746	-	669	4,446
Paris	5,260.2	28,020.9	142,431	13,296	-	1,281	15,781
Parkhill	1,144.5	5,632.0	30,990	2,838	2,973	-	3,434
Parry Sound	4,273.5	26,119.6	115,717	10,802	-	455	2,137
Pembroke	4,642.1	14,685.6	125,696	11,733	-	10,858	2,321
Penetanguishene	4,001.9	23,839.4	108,360	10,115	-	1,168	2,001
Perth	5,653.8	31,036.4	153,088	14,291	-	-	2,827
Peterborough	61,347.6	372,126.2	1,661,127	155,067	-	-	30,674
Petrolia	2,988.0	15,138.1	80,906	7,436	6,263	477	8,964
Petrolia Waterworks	131.2	906.5	3,552	325	341	-	394
Pickering	1,261.4	7,073.8	34,155	3,127	3,276	-	631
Pictou	4,588.9	25,508.2	124,254	11,599	-	211	2,294

*See note 8, page 126.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1968

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
9,878	42,769	122,690	119,800.82	2,889.18	27.54	42.28	7.89
17,931	59,916	173,211	172,531.81	679.19	27.15	41.52	7.95
36,826	776,547	2,215,861	2,085,791.83	130,069.17	27.84	43.93	7.51
1,580	5,470	19,054	19,325.84	271.84	29.25	41.03	9.58
334	2,826	8,941	8,883.01	57.99	30.96	45.27	8.70
831	5,007	16,153	16,130.98	22.02	30.38	44.04	8.87
908	3,519	13,173	13,395.86	222.86	32.13	43.85	10.29
3,419	20,987	59,132	58,376.84	755.16	27.62	42.83	7.75
9,470	33,708	104,205	103,150.30	1,054.70	30.94	45.74	8.50
20,545	147,644	451,531	449,857.78	1,673.22	32.25	47.93	8.41
9,305	33,685	95,589	93,555.25	2,033.75	28.86	44.58	7.80
166,158	768,575	2,121,337	2,097,057.73	24,279.27	29.57	46.38	7.59
5,524	30,722	84,214	84,649.46	435.46	29.14	45.88	7.54
97,928	639,605	1,679,995	1,658,086.11	21,908.89	27.16	43.86	7.22
522,403	5,940,600	17,316,830	17,146,825.82	170,004.18	31.15	47.42	8.02
6,341	15,727	45,808	44,934.66	873.34	29.74	45.28	8.01
2,856	12,082	36,449	36,155.26	293.74	29.22	43.72	8.30
122,061	1,762,131	4,720,571	4,705,418.27	15,152.73	31.88	50.88	7.37
3,170	6,785	17,906	17,665.01	240.99	27.35	44.04	7.26
1,821	8,684	27,326	27,354.91	28.91	29.74	43.60	8.65
16,023	87,512	244,902	243,758.57	1,143.43	28.25	43.98	7.70
17,456	192,232	594,042	576,382.12	17,659.88	29.66	43.86	8.50
1,895	12,861	38,853	38,735.00	118.00	30.43	45.50	8.31
284,139	1,799,110	4,858,338	4,779,629.27	78,708.73	27.54	43.75	7.43
499,907	4,662,858	12,615,017	12,356,340.43	258,676.57	27.96	44.37	7.44
2,139	6,667	20,551	20,314.91	236.09	30.46	45.09	8.48
66,532	326,866	863,234	853,486.94	9,747.06	27.42	44.14	7.26
2,887	9,148	25,574	24,626.88	947.12	25.60	39.87	7.69
8,307	22,343	63,026	61,883.32	1,142.68	27.44	42.53	7.76
22,705	77,057	227,141	224,859.81	2,281.19	28.52	43.18	8.11
5,029	15,488	50,694	50,353.25	340.75	30.76	44.29	9.00
7,278	71,829	193,662	190,025.83	3,636.17	28.51	45.32	7.41
749	40,385	190,244	170,319.48	19,924.52	29.78	38.48	12.16
14,042	65,558	173,160	168,394.14	4,765.86	26.88	43.27	7.26
22,318	85,350	233,238	231,115.65	2,122.35	26.15	41.25	7.51
176,035	1,023,347	2,694,180	2,654,240.41	39,939.59	27.23	43.92	7.24
16,341	41,630	129,335	129,433.36	98.36	29.35	43.28	8.54
	2,493	7,105	7,173.70	68.70	35.15	54.15	7.84
1,667	19,453	58,975	58,856.76	118.24	31.33	46.75	8.34
19,837	70,148	188,669	186,686.47	1,982.53	25.83	41.11	7.40

STATEMENT OF THE ALLOCATION OF THE

for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDIZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt-hours	\$	\$	\$	\$	\$
Plantagenet	782.2	4,106.2	21,181	1,939	2,032	-	391
Plattsville	955.4	4,340.8	25,870	2,369	2,482	-	2,866
Point Edward	6,605.8	32,601.1	178,869	16,626	3,809	-	19,817
Port Arthur	52,547.5*	290,220.1	1,422,843	132,823	-	179	-
Port Burwell	332.4	1,833.2	9,000	824	863	33	997
Port Colborne	12,055.5	75,995.4	326,431	30,473	-	1,801	36,167
Port Credit	16,929.5	124,422.5	458,405	42,792	-	4,220	50,789
Port Dover	2,290.5	13,164.6	62,021	5,790	-	1,861	6,872
Port Elgin	2,440.1	14,035.2	66,072	6,050	6,338	54	1,220
Port Hope	10,132.4	56,023.2	274,359	25,612	-	2,978	5,066
Port McNicoll	1,175.7	5,480.5	31,835	2,915	3,054	879	588
Port Perry	2,548.7	14,225.4	69,011	6,411	1,655	644	1,274
Port Rowan	428.8	2,281.6	11,610	1,063	1,114	-	1,286
Port Stanley	1,279.9	7,148.4	34,656	3,173	3,324	2,123	3,840
Prescott	4,898.4	26,765.0	132,636	12,286	5,128	413	2,449
Preston	14,253.4	81,000.3	385,945	35,339	689	-	42,760
Priceville	76.6	344.2	2,074	190	199	-	38
Princeton	377.2	1,914.0	10,214	935	980	-	1,132
Queenston	418.3	2,273.6	11,327	1,037	1,086	-	1,255
Rainy River	914.5	5,067.6	24,763	2,267	2,375	152	-
Red Rock	1,016.5	5,568.9	27,524	2,569	-	431	-
Renfrew	6,387.5*	32,218.4	172,957	16,146	-	-	3,194
Richmond	1,242.9	7,017.0	33,655	3,082	3,228	-	621
Richmond Hill	15,730.5	93,516.0	425,940	39,761	-	4,380	47,192
Ridgetown	2,252.6	11,660.9	60,994	5,662	1,714	1,222	6,758
Ripley	474.0	2,434.0	12,835	1,175	1,231	-	237
Rockland	1,821.1	9,498.9	49,311	4,515	4,730	-	911
Rockwood	692.2	3,517.1	18,744	1,716	1,798	-	2,077
Rodney	662.0	3,565.6	17,926	1,641	1,719	-	1,986
Rosseau	186.7	911.7	5,055	472	-	-	93
Russell	511.0	2,576.8	13,837	1,267	1,327	-	256
St. Catharines	127,604.4	770,112.4	3,455,180	322,524	994	377	382,813
St. Clair Beach	1,034.3	5,592.6	28,007	2,564	2,686	-	3,103
St. George	720.0	3,583.2	19,495	1,785	1,870	-	2,160
St. Jacobs	883.0	4,563.6	23,908	2,189	2,293	-	2,649
St. Mary's	4,457.5	24,301.1	120,695	11,267	-	-	13,372
St. Thomas	24,377.7	138,430.7	660,082	61,608	570	-	73,133
Sandwich West Twp.	4,535.8	24,382.2	122,817	11,358	5,785	2,984	13,607
Sarnia	51,551.6	347,168.8	1,395,878	130,234	-	-	154,655
Scarborough	245,705.2	1,447,017.0	6,653,032	620,743	9,573	172,649	737,116

*See note 8, page 126.

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1968

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
1,031	11,292	35,804	35,998.12	194.12	31.33	45.77	8.72
3,019	11,937	42,505	42,341.52	163.48	31.99	44.49	9.79
22,382	89,653	286,392	289,225.68	2,833.68	29.78	43.35	8.78
320,164	798,105	2,033,786	2,004,762.28	29,023.72	23.51	38.70	7.01
1,219	5,041	15,539	15,487.14	51.86	31.58	46.75	8.48
39,375	208,987	564,484	561,456.10	3,027.90	29.48	46.82	7.43
35,230	342,162	863,138	859,976.15	3,161.85	30.77	50.98	6.94
9,776	36,203	102,971	101,822.96	1,148.04	29.14	44.96	7.82
7,177	38,597	111,154	110,851.23	302.77	29.73	45.55	7.92
34,759	154,064	427,320	420,355.38	6,964.62	26.96	42.17	7.63
4,310	15,071	50,032	49,701.46	330.54	29.73	42.56	9.13
6,752	39,120	111,363	108,150.10	3,212.90	28.34	43.69	7.83
1,944	6,274	19,403	19,418.01	15.01	30.62	45.25	8.50
8,189	19,658	58,585	57,775.92	809.08	30.41	45.77	8.20
16,859	73,604	209,657	210,075.77	418.77	27.77	42.80	7.83
52,965	222,751	634,519	630,047.96	4,471.04	28.88	44.52	7.83
279	947	3,169	3,162.23	6.77	29.01	41.37	9.21
2,005	5,264	16,520	16,215.37	304.63	29.83	43.80	8.63
1,797	6,252	19,160	19,241.94	81.94	30.85	45.80	8.43
1,320	13,936	42,173	41,868.83	304.17	30.88	46.12	8.32
2,441	15,314	43,397	43,571.90	174.90	27.62	42.69	7.79
12,824	88,601	268,074	262,763.60	5,310.40	28.09	41.97	8.32
2,214	19,297	57,669	55,914.07	1,754.93	30.87	46.40	8.22
26,989	257,169	747,453	739,979.30	7,473.70	31.16	47.52	7.99
9,144	32,067	99,273	98,465.42	807.58	29.82	44.07	8.51
2,109	6,694	20,063	20,075.73	12.73	28.20	42.33	8.24
2,900	26,122	82,689	82,240.52	448.48	31.06	45.41	8.71
2,473	9,672	31,534	31,073.83	460.17	31.58	45.56	8.97
3,223	9,805	29,854	30,180.97	326.97	30.28	45.10	8.37
886	2,507	7,241	7,244.84	3.84	25.35	38.78	7.94
1,642	7,086	22,131	21,844.43	286.57	29.44	43.31	8.59
364,915	2,117,809	5,914,782	5,886,937.26	27,844.74	29.75	46.35	7.68
2,557	15,380	49,183	48,381.19	801.81	32.68	47.55	8.79
2,989	9,854	32,175	31,917.86	257.14	31.00	44.69	8.97
3,819	12,550	39,770	39,572.52	197.48	30.82	45.04	8.71
36,015	66,828	176,147	176,212.82	65.82	24.52	39.52	7.25
98,059	380,684	1,078,018	1,067,255.63	10,762.37	28.60	44.22	7.79
7,480	67,051	216,122	211,690.17	4,431.83	32.86	47.65	8.86
307,515	954,714	2,327,966	2,281,642.93	46,323.07	26.63	45.16	6.71
390,290	3,979,297	11,782,120	11,644,132.92	137,987.08	31.75	47.95	8.14

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILI- TIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Schreiber Twp.	1,687.7	9,915.4	45,697	4,184	4,384	211	-
Seaforth	2,142.7	10,427.1	58,018	5,416	-	565	6,428
Shelburne	1,384.0	7,768.9	37,477	3,431	3,595	-	692
Simcoe	11,981.6	69,011.5	324,429	30,275	529	4,989	35,945
Sioux Lookout	2,309.9	13,940.8	62,546	5,727	6,000	398	-
Smiths Falls	10,738.5	58,441.0	290,768	27,143	-	256	5,369
Southampton	1,982.6	11,126.6	53,684	4,916	5,150	606	991
South Grimsby Twp.	770.8	3,743.6	20,871	1,921	1,450	271	2,312
South River	732.9	3,767.3	19,845	1,852	-	-	-
Stouffville	290.0	1,469.6	7,852	719	753	42	870
Stayner	1,447.9	8,182.6	39,205	3,590	3,761	-	724
Stirling	1,261.2	6,781.7	34,150	3,188	-	-	631
Stoney Creek	5,086.5	24,675.4	137,729	12,615	12,987	386	15,260
Stouffville	3,332.9	17,996.6	90,245	8,424	-	2,799	9,999
Stratford	27,557.4	156,692.7	746,181	69,655	72	-	82,672
Strathroy	5,693.5	31,681.0	154,165	14,391	-	3,312	17,081
Streetsville	4,909.4	28,627.9	132,935	12,409	-	805	14,728
Sturgeon Falls	3,993.7	22,176.8	108,138	10,095	-	293	-
Sudbury	56,740.1	341,579.9	1,536,369	143,421	-	33,701	-
Sunderland	622.4	3,209.6	16,854	1,543	1,617	-	311
Sundridge	760.8	3,952.5	20,599	1,923	-	-	380
Sutton	1,850.9	10,660.8	50,117	4,589	4,808	-	5,553
Tara	854.7	4,794.9	23,142	2,119	2,220	-	427
Tavistock	1,331.7	7,024.8	36,059	3,302	3,459	928	3,995
Tecumseh	2,879.9	16,638.2	77,979	7,252	1,444	579	8,640
Teeswater	1,133.7	5,747.5	30,697	2,827	2,076	-	567
Terrace Bay Twp.	1,645.1	10,273.3	44,546	4,159	-	292	-
Thamesford	1,326.9	7,504.0	35,930	3,290	3,446	-	3,981
Thamesville	1,082.6	4,908.4	29,314	2,684	2,812	-	3,248
Thedford	634.6	3,253.6	17,184	1,573	1,648	-	1,904
Thessalon	1,180.9	6,867.2	31,975	2,985	-	259	-
Thornbury	1,365.6	7,347.2	36,979	3,386	3,547	-	683
Thorndale	276.6	1,414.0	7,489	686	718	15	830
Thornton	176.5	860.4	4,780	438	458	-	88
Thorold	6,811.4	39,513.3	184,434	17,207	-	359	20,434
Tilbury	3,057.9	14,734.6	82,799	7,730	-	2,176	9,174
Tillsonburg	7,404.3	40,503.6	200,488	18,716	-	-	22,213
Toronto	806,910.7	5,053,389.9	21,848,952	1,762,028	-	5,634	2,420,732
Tottenham	553.8	2,837.6	14,995	1,373	1,438	-	277
Trenton	18,104.2	111,925.9	490,213	45,761	-	-	9,052

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1968

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
3,741	27,267	78,002	78,412.59	410.59	30.06	46.22	7.87
10,459	28,675	88,643	88,164.99	478.01	27.98	41.37	8.50
5,215	21,364	61,344	60,229.61	1,114.39	28.88	44.32	7.90
37,138	189,782	548,811	542,837.94	5,973.06	29.96	45.80	7.95
8,011	38,337	104,997	103,798.13	1,198.87	28.85	45.46	7.53
35,838	160,713	448,411	442,309.32	6,101.68	26.78	41.76	7.67
6,541	30,598	89,404	89,597.12	193.12	29.66	45.09	8.04
2,495	10,295	34,625	34,848.23	223.23	31.55	44.92	9.25
580	10,360	31,477	31,086.05	390.95	28.81	42.95	8.36
1,646	4,041	12,631	12,417.65	213.35	29.61	43.56	8.60
5,004	22,502	64,778	64,252.89	525.11	29.19	44.74	7.92
4,113	18,650	52,506	51,504.42	1,001.58	26.84	41.63	7.74
9,980	67,857	236,854	236,257.78	596.22	33.22	46.57	9.60
8,412	49,491	152,546	152,583.42	37.42	30.92	45.77	8.48
108,673	430,905	1,220,812	1,207,166.83	13,645.17	28.66	44.30	7.79
20,675	87,123	255,397	253,522.21	1,874.79	29.55	44.86	8.06
9,279	78,727	230,325	230,478.80	153.80	30.87	46.92	8.05
6,708	60,986	172,804	170,597.91	2,206.09	27.99	43.27	7.79
141,558	939,345	2,511,278	2,491,052.89	20,225.11	27.70	44.26	7.35
2,156	8,826	26,995	27,014.66	19.66	29.19	43.37	8.41
1,233	10,869	32,538	32,284.54	253.46	28.48	42.77	8.23
6,056	29,317	88,328	87,065.88	1,262.12	31.88	47.72	8.29
2,386	13,186	38,708	38,547.57	160.43	29.86	45.29	8.07
7,933	19,318	59,128	57,905.60	1,222.40	29.89	44.40	8.42
8,147	45,755	133,502	133,357.79	144.21	30.46	46.36	8.02
3,802	15,806	48,171	47,914.60	256.40	28.54	42.49	8.38
4,550	28,252	72,699	72,396.47	302.53	27.01	44.19	7.08
4,086	20,636	63,197	62,918.73	278.27	32.07	47.63	8.42
4,355	13,498	47,201	47,732.35	531.35	31.13	43.60	9.62
2,638	8,947	28,618	28,466.33	151.67	30.99	45.10	8.80
1,608	18,885	52,496	51,593.22	902.78	28.46	44.45	7.64
2,714	20,205	62,086	62,158.93	72.93	30.66	45.46	8.45
1,532	3,888	12,094	11,954.78	139.22	29.67	43.72	8.55
767	2,366	7,363	7,272.74	90.26	28.30	41.72	8.56
45,999	108,662	285,097	283,652.00	1,445.00	25.90	41.86	7.22
11,895	40,520	130,504	131,103.92	599.92	29.42	42.68	8.86
23,894	111,385	328,908	325,655.55	3,252.45	29.37	44.42	8.12
3,993,628	13,896,823	35,940,541	35,575,087.09	365,453.91	27.32	44.54	7.11
2,511	7,803	23,375	22,743.28	631.72	28.12	42.21	8.24
57,556	307,796	795,266	790,165.59	5,100.41	26.92	43.93	7.11

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILI- TIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Tweed	1,792.9	9,123.3	48,547	4,445	4,657	254	896
Uxbridge	3,275.2	17,372.0	88,683	8,278	-	46	1,638
Vankleek Hill	1,217.8	5,717.0	32,975	3,019	3,163	-	609
Vaughan Twp.	24,145.0	151,327.1	653,782	60,801	12,291	12,008	72,435
Victoria Harbour	775.1	4,100.0	20,987	1,922	2,013	311	388
Walkerton	5,214.7	27,002.6	141,198	13,181	-	3,476	2,607
Wallaceburg	18,977.3	109,633.8	513,854	47,968	-	2,947	56,932
Wardsville	225.6	1,141.5	6,108	559	586	89	677
Warkworth	419.6	2,098.0	11,360	1,040	1,090	-	210
Wasaga Beach	1,246.5	5,550.8	33,752	3,090	3,238	-	623
Waterdown	1,536.1	8,534.4	41,593	3,809	3,990	-	4,608
Waterford	1,917.6	8,938.3	51,923	4,775	3,875	103	5,753
Waterloo	38,017.8	234,673.5	1,029,418	3,409	1,679	-	114,053
Watford	1,815.4	9,619.7	49,157	4,541	2,575	43	5,446
Waubashene	501.1	2,646.4	13,567	1,242	1,302	-	251
Webbwood	265.3	1,390.5	7,184	671	-	-	-
Welland	36,900.5	205,297.6	999,165	93,259	-	-	110,701
Wellesley	649.2	3,030.4	17,578	1,610	1,686	-	1,948
Wellington	752.6	4,024.7	20,377	1,866	1,955	-	376
West Lorne	1,426.4	6,607.2	38,623	3,537	3,705	-	4,279
Westport	541.2	2,874.4	14,654	1,342	1,406	-	271
Wheatley	1,060.1	5,725.8	28,706	2,628	2,753	-	3,180
Whitby	21,783.5	128,684.5	589,839	55,003	3,169	8,729	10,892
Warton	1,779.5	10,209.6	48,184	4,412	4,622	-	890
Williamsburg	294.2	1,457.6	7,967	729	764	-	147
Winchester	2,123.7	12,452.2	57,504	5,291	4,126	169	1,062
Windermere	234.6	1,005.0	6,353	593	-	-	117
Windsor	174,776.4	1,047,641.6	4,732,470	441,778	-	309	524,328
Wingham	3,599.4	20,415.7	97,462	9,098	-	1,181	1,800
Woodbridge	2,369.4	14,677.6	64,158	5,895	5,059	-	7,108
Woodstock	31,560.7	185,316.9	854,578	79,775	-	-	94,682
Woodville	309.3	1,551.6	8,375	767	803	-	155
Wyoming	866.2	4,245.6	23,453	2,148	2,250	83	2,599
York	94,045.2	591,906.7	2,546,490	237,715	-	133	282,136
Zurich	606.9	3,159.0	16,432	1,505	1,576	-	1,821
Total Municipalities	5,529,605.3	33,426,061.6	149,726,709	13,048,971	837,166	847,181	13,032,853

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1968

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
5,284	25,089	78,604	77,837.31	766.69	29.84	43.84	8.62
8,214	47,773	138,204	136,210.62	1,993.38	27.60	42.20	7.96
1,668	15,721	53,819	53,829.10	10.10	31.28	44.19	9.41
25,543	416,149	1,201,923	1,152,893.91	49,029.09	28.54	45.78	7.30
1,875	11,275	35,021	34,350.98	670.02	30.63	45.18	8.54
13,016	74,257	221,703	216,936.30	4,766.70	28.27	42.52	8.21
56,318	301,493	866,876	858,388.56	8,487.44	29.79	45.68	7.91
1,054	3,139	10,104	9,925.49	178.51	30.87	44.79	8.85
1,426	5,769	18,043	17,839.72	203.28	29.25	43.00	8.60
1,996	15,265	53,972	53,810.97	161.03	31.05	43.30	9.72
5,059	23,470	72,411	71,449.09	961.91	31.86	47.14	8.48
6,944	24,580	84,065	83,090.33	974.67	31.01	43.84	9.41
82,296	645,352	1,711,615	1,695,382.83	16,232.17	28.04	45.02	7.29
6,911	26,454	81,305	81,075.55	229.45	30.20	44.79	8.45
1,588	7,278	22,052	21,735.82	316.18	29.48	44.01	8.33
384	3,824	11,295	10,975.53	319.47	28.15	42.57	8.12
107,730	564,568	1,659,963	1,644,908.87	15,054.13	29.68	44.98	8.09
2,671	8,334	28,485	28,218.15	266.85	31.04	43.88	9.40
3,495	11,068	32,147	31,789.37	357.63	28.01	42.71	7.99
6,231	18,170	62,083	62,196.27	113.27	30.78	43.52	9.40
2,009	7,905	23,569	23,422.94	146.06	28.94	43.55	8.20
4,625	15,746	48,388	48,188.39	199.61	30.79	45.64	8.45
45,659	353,882	975,855	945,365.22	30,489.78	28.55	44.80	7.58
6,582	28,076	79,602	79,522.34	79.66	28.95	44.73	7.80
1,491	4,008	12,124	11,935.84	188.16	27.58	41.21	8.32
6,199	34,244	96,197	95,423.64	773.36	29.16	45.30	7.73
861	2,764	8,966	9,016.63	50.63	26.43	38.22	8.92
687,252	2,881,014	7,892,647	7,900,214.69	7,567.69	28.67	45.16	7.53
12,701	56,143	152,983	152,520.15	462.85	26.90	42.50	7.49
10,385	40,363	112,198	110,372.66	1,825.34	30.32	47.35	7.64
102,450	509,621	1,436,206	1,422,114.67	14,091.33	29.35	45.51	7.75
1,439	4,267	12,928	12,457.82	470.18	28.00	41.80	8.33
2,304	11,675	39,904	39,955.74	51.74	32.59	46.07	9.40
327,459	1,627,743	4,366,758	4,322,245.93	44,512.07	29.12	46.43	7.38
2,749	8,687	27,272	27,017.27	254.73	30.62	44.94	8.63
16,499,279	91,921,669	252,915,270	250,303,533.61	2,611,736.39			

NOTES

1. Certain functions in the production and supply of power are considered to be used by all customers in relation to kilowatt demand requirements. Therefore the associated costs are allocated at a common rate to all customers.
2. Stage I transformation and metering costs are those associated with transformation at high-voltage stations from 115 kv to a lesser voltage, but which exceeds 10 kv. These costs are allocated on a kilowatt basis to all customers requiring the service.
Stage II transformation and metering costs are those associated with transformation at low-voltage stations from 44 kv, 27.6 kv, 13.8 kv or similar voltages to a delivery voltage of less than 10 kv. These costs are allocated on a kilowatt basis to all customers requiring the service.
3. Special facilities costs are those associated with line facilities within a municipality's boundaries, that serve only that municipality, and the charges for providing standby facilities for municipalities requiring that service.
4. Frequency standardization assessments are made to customers of the former Southern Ontario System at the rate of \$3.00 per kilowatt to all customers who were converted to 60-cycle frequency, and \$.50 per kilowatt to all non-converted 60-cycle customers.
5. Return on equity is calculated at 4% on equities accumulated through debt retirement charges after giving recognition to direct customers' contributions for debt retirement prior to 1966. The cost of providing the return on equity is included in common demand costs.
6. The portion of the cost of power attributable to producing energy, rather than meeting demand requirements, has been classified as energy costs. For allocation purposes, this cost has been established at 2.75 mills per kwh.
7. The demand cost is the per kilowatt cost of primary power, exclusive of energy cost.
8. The asterisk indicates that this particular utility operates its own generating facilities for the supply of part of its power requirement. The amounts shown in this statement relate only to the power and energy supplied by the Hydro-Electric Power Commission of Ontario. For more complete details on the cost of providing service within any municipal electrical utility, the reader is referred to the statements in the Municipal Electrical Service Supplement.

STATEMENT OF THE ALLOCATION OF THE COST OF PRIMARY POWER

for the Year Ended December 31, 1968

	MUNICIPALITIES	POWER DISTRICT		TOTAL
		Retail Customers (Note 1)	Direct Customers	
	\$	\$	\$	\$
COST OF PRIMARY POWER				
Cost, excluding items shown below	224,357,281	94,073,099	67,170,710	385,601,090
Frequency standardization assessments (Note 2)	13,032,853	1,590,768	999,573	15,623,194
Cost of return on equity	16,159,553	4,699,819	4,462,839	25,322,211
Return on equity	16,499,279	4,571,430	4,251,502	25,322,211
Total before reserve provision (withdrawal) .	237,050,408	95,792,256	68,381,620	401,224,284
Provision and interest - reserve for stabilization of rates and contingencies ..	15,864,862	3,169,068	4,546,194	23,580,124
Cost of primary power allocated to customers	252,915,270	98,961,324	72,927,814	424,804,408
AMOUNTS BILLED FOR PRIMARY POWER	250,303,534	95,940,830	66,106,170	412,350,534
EXCESS OF COSTS OVER AMOUNTS BILLED				
Charged to Municipalities	2,611,736	.....	.....	2,611,736
Withdrawal from the reserve for stabilization of rates and contingencies to offset deficit on sales to retail and direct customers ...	.....	3,020,494	6,821,644	9,842,138

NOTES

1. The cost of primary power allocated to retail customers totalling \$98,961,324 includes retail distribution costs of \$47,022,158.
2. See note 2 on page 35.

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1968

Municipality	Balance at December 31, 1967	Additions in the Year through Debt Retirement Charges	Annexations and Other Adjustments	Balance at December 31, 1968
	\$	\$	\$	\$
Acton	611,788.17	29,054.83	.....	640,843.00
Ailsa Craig	65,832.15	2,071.85	.....	67,904.00
Ajax	386,148.46	54,891.54	.....	441,040.00
Alexandria	261,588.24	18,870.76	.....	280,459.00
Alfred	33,810.07	4,588.93	.....	38,399.00
Alliston	268,388.42	18,861.58	.....	287,250.00
Almonte	144,912.63	12,755.37	.....	157,668.00
Alvinston	68,451.33	1,792.67	.....	70,244.00
Amherstburg	492,014.81	25,550.19	.....	517,565.00
Ancaster Twp	235,821.77	13,898.23	.....	249,720.00
Apple Hill	19,188.14	807.86	.....	19,996.00
Arkona	50,815.49	1,642.51	.....	52,458.00
Arnprior	446,900.71	35,623.29	.....	482,524.00
Arthur	117,757.41	5,403.59	.....	123,161.00
Athens	61,174.95	3,637.05	.....	64,812.00
Atikokan Twp.	309,052.53	18,744.47	.....	327,797.00
Aurora	452,048.25	43,229.75	.....	495,278.00
Avonmore	11,715.48	937.52	.....	12,653.00
Aylmer	482,394.99	26,460.01	.....	508,855.00
Ayr	108,332.10	5,446.90	.....	113,779.00
Baden	153,112.80	5,133.20	.....	158,246.00
Bancroft	97,225.08	8,809.92	.....	106,035.00
Barrie	1,881,677.80	144,763.04	167.16*	2,026,608.00
Barry's Bay	35,921.67	4,691.33	.....	40,613.00
Bath	36,179.43	2,672.57	.....	38,852.00
Beachburg	23,669.90	2,371.10	.....	26,041.00
Beachville	293,485.50	12,264.50	.....	305,750.00
Beamsville	181,017.70	14,078.30	.....	195,096.00
Beaverton	148,512.61	7,717.39	.....	156,230.00
Beeton	86,643.26	3,449.74	.....	90,093.00
Belle River	106,438.49	7,021.51	.....	113,460.00
Belleville	2,450,529.45	146,891.55	.....	2,597,421.00
Belmont	35,182.41	5,949.59	.....	41,132.00
Blenheim	247,520.82	11,704.18	.....	259,225.00
Bloomfield	62,719.73	3,076.27	.....	65,796.00
Blyth	94,470.50	4,555.50	.....	99,026.00
Bobcaygeon	71,085.39	6,776.61	.....	77,862.00
Bolton	134,759.19	8,705.81	.....	143,465.00
Bothwell	76,189.61	2,893.39	.....	79,083.00
Bowmanville	859,982.73	50,105.27	.....	910,088.00
Bracebridge	20,991.07	6,698.93	.....	27,690.00
Bradford	203,565.78	12,518.22	.....	216,084.00
Braeside	89,435.25	9,842.75	.....	99,278.00
Brampton	1,717,700.97	176,204.03	.....	1,893,905.00
Brantford	6,857,091.93	304,403.07	.....	7,161,495.00

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1968

Municipality	Balance at December 31, 1967	Additions in the Year through Debt Retirement Charges	Annexations and Other Adjustments	Balance at December 31, 1968
	\$	\$	\$	\$
Brantford Twp	535,633.89	49,574.11	.....	585,208.00
Brechin	26,571.06	854.94	.....	27,426.00
Bridgeport	100,763.09	7,527.91	.....	108,291.00
Brigden	53,722.86	1,543.14	.....	55,266.00
Brighton	178,778.11	11,598.89	.....	190,377.00
Brockville	1,876,889.67	111,192.33	.....	1,988,082.00
Brussels	103,280.72	3,735.28	.....	107,016.00
Burford	108,191.92	4,882.08	.....	113,074.00
Burgessville	32,435.80	1,406.20	.....	33,842.00
Burk's Falls	52,890.53	5,196.47	.....	58,087.00
Burlington	2,249,991.21	302,987.79	.....	2,552,979.00
Cache Bay	32,209.32	1,295.94	307.74*	33,813.00
Caledonia	158,239.47	7,315.53	.....	165,555.00
Campbellford	44,790.62	9,832.38	.....	54,623.00
Campbellville	24,049.31	946.69	.....	24,996.00
Cannington	98,485.98	4,682.02	.....	103,168.00
Capreol	156,448.41	11,800.59	.....	168,249.00
Cardinal	111,313.43	5,049.93	38.64*	116,402.00
Carleton Place	580,180.22	21,305.78	.....	601,486.00
Casselman	52,431.10	4,916.90	.....	57,348.00
Cayuga	75,453.99	3,413.01	.....	78,867.00
Chalk River	33,664.88	2,865.12	.....	36,530.00
Chapleau	46,633.81	9,390.19	.....	56,024.00
Chatham	2,937,693.31	170,638.69	.....	3,108,332.00
Chatsworth	39,635.18	1,647.82	.....	41,283.00
Chesley	223,040.14	7,986.86	.....	231,027.00
Chesterville	181,985.76	8,954.24	.....	190,940.00
Chippawa	150,436.39	9,676.61	.....	160,113.00
Clifford	59,860.99	2,244.01	.....	62,105.00
Clinton	329,194.82	13,767.18	.....	342,962.00
Cobden	61,364.38	3,821.62	.....	65,186.00
Cobourg	1,040,048.39	77,916.61	.....	1,117,965.00
Cochrane	156,675.31	18,570.69	.....	175,246.00
Colborne	103,064.30	6,985.70	.....	110,050.00
Coldwater	84,214.32	4,535.68	.....	88,750.00
Collingwood	914,431.22	59,880.78	.....	974,312.00
Comber	73,876.14	1,990.86	.....	75,867.00
Coniston	49,217.33	7,386.67	.....	56,604.00
Cookstown	48,980.28	2,770.72	.....	51,751.00
Cottam	40,430.40	1,707.60	.....	42,138.00
Courtright	34,373.83	1,486.17	.....	35,860.00
Creemore	76,097.04	3,336.96	.....	79,434.00
Dashwood	53,106.20	2,201.80	.....	55,308.00
Deep River	182,492.46	24,416.54	.....	206,909.00
Delaware	32,302.74	1,516.26	.....	33,819.00

STATEMENT OF EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1968

Municipality	Balance at December 31, 1967	Additions in the Year through Debt Retirement Charges	Annexations and Other Adjustments	Balance at December 31, 1968
	\$	\$	\$	\$
Delhi	242,470.95	15,495.05	.....	257,966.00
Deseronto	122,935.74	6,991.26	.....	129,927.00
Dorchester	57,804.15	3,010.85	.....	60,815.00
Drayton	73,020.99	2,654.01	.....	75,675.00
Dresden	226,810.59	13,377.41	.....	240,188.00
Drumbo	42,722.76	1,522.24	.....	44,245.00
Dryden	237,088.31	24,948.69	.....	262,037.00
Dublin	36,768.40	1,902.60	.....	38,671.00
Dundalk	95,387.14	4,724.86	.....	100,112.00
Dundas	1,041,394.43	62,338.57	.....	1,103,733.00
Dunnville	537,766.23	23,164.77	.....	560,931.00
Durham	220,169.40	11,277.60	.....	231,447.00
Dutton	94,802.98	2,185.02	.....	96,988.00
East York	4,203,902.94	220,147.06	.....	4,424,050.00
Eganville	38,664.06	4,355.94	.....	43,020.00
Elmira	563,926.04	30,276.51	1,169.45*	595,372.00
Elmvale	92,095.67	4,869.33	.....	96,965.00
Elmwood	32,785.90	1,125.10	.....	33,911.00
Elora	181,125.65	5,866.35	.....	186,992.00
Embro	64,786.53	2,655.47	.....	67,442.00
Embrun	34,293.71	5,471.29	.....	39,765.00
Erieau	66,855.68	2,471.32	.....	69,327.00
Erie Beach	11,786.64	504.36	.....	12,291.00
Erin	48,626.28	5,215.72	.....	53,842.00
Espanola	91,381.65	18,328.35	.....	109,710.00
Essex	258,206.13	13,199.87	.....	271,406.00
Etobicoke	15,430,011.72	1,352,979.28	.....	16,782,991.00
Exeter	333,264.79	14,925.21	.....	348,190.00
Fenelon Falls	2,015.00	5,892.70	1,269.30*	9,177.00
Fergus	546,216.07	36,858.30	6,035.63*	589,110.00
Finch	41,604.83	1,655.17	.....	43,260.00
Flesherton	48,437.74	2,893.26	.....	51,331.00
Fonthill	125,154.60	8,097.40	.....	133,252.00
Forest	251,704.35	9,657.65	.....	261,362.00
Fort William	7,320,352.48	208,978.52	.....	7,529,331.00
Frankford	60,538.38	6,031.62	.....	66,570.00
Galt	3,680,562.37	189,615.63	.....	3,870,178.00
Georgetown	923,299.11	68,888.89	.....	992,188.00
Glencoe	118,503.00	4,734.00	.....	123,237.00
Gloucester Twp.	623,353.01	111,214.99	.....	734,568.00
Goderich	858,166.24	39,007.76	.....	897,174.00
Grand Bend	88,104.72	4,850.28	.....	92,955.00
Grand Valley	83,041.03	3,483.97	.....	86,525.00
Granton	31,645.09	920.91	.....	32,566.00
Gravenhurst	347,640.09	15,465.91	.....	363,106.00

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1968

Municipality	Balance at December 31, 1967	Additions in the Year through Debt Retirement Charges	Annexations and Other Adjustments	Balance at December 31, 1968
	\$	\$	\$	\$
Grimsby	287,566.34	21,538.66	.....	309,105.00
Guelph	4,787,728.30	323,236.70	.....	5,110,965.00
Hagersville	366,943.36	12,208.44	155.20*	379,307.00
Hamilton	46,734,136.30	2,668,326.70	.....	49,402,463.00
Hanover	571,293.88	32,446.12	.....	603,740.00
Harriston	218,893.54	8,803.46	.....	227,697.00
Harrow	227,074.21	10,266.79	.....	237,341.00
Hastings	58,327.63	3,570.37	.....	61,898.00
Havelock	92,099.67	4,054.33	.....	96,154.00
Hawkesbury	220,444.98	32,338.02	.....	252,783.00
Hearst	135,998.40	18,057.60	.....	154,056.00
Hensall	123,336.69	5,602.31	.....	128,939.00
Hespeler	892,964.52	39,070.30	469.18*	932,504.00
Highgate	44,911.89	1,456.11	.....	46,368.00
Holstein	17,657.78	716.22	.....	18,374.00
Huntsville	444,029.89	17,393.11	.....	461,423.00
Ingersoll	1,028,416.87	36,938.13	.....	1,065,355.00
Iroquois	83,884.08	5,726.92	.....	89,611.00
Jarvis	83,994.26	2,263.74	.....	86,258.00
Kapuskasing	229,161.63	25,688.37	.....	254,850.00
Kemptville	221,524.29	13,099.71	.....	234,624.00
Kenora	26,434.00	45,026.00	.....	71,460.00
Killaloe Station	22,859.55	2,186.45	.....	25,046.00
Kincardine	365,486.95	13,784.05	.....	379,271.00
King City	54,014.73	7,259.27	.....	61,274.00
Kingston	4,265,605.93	271,831.07	.....	4,537,437.00
Kingsville	302,482.61	14,170.39	.....	316,653.00
Kirkfield	18,038.89	719.11	.....	18,758.00
Kitchener	9,542,338.46	573,786.54	.....	10,116,125.00
Lakefield	176,752.79	9,933.21	.....	186,686.00
Lambeth	111,558.60	7,513.40	.....	119,072.00
Lanark	52,971.93	3,192.07	.....	56,164.00
Lancaster	41,628.50	2,129.50	.....	43,758.00
Larder Lake Twp.	67,034.72	4,558.28	.....	71,593.00
Latchford	11,612.53	1,355.47	.....	12,968.00
Leamington	878,106.28	45,469.28	173.44*	923,749.00
Lindsay	1,234,494.67	73,223.33	.....	1,307,718.00
Listowel	543,751.96	24,379.04	.....	568,131.00
London	15,306,466.52	896,197.48	.....	16,202,664.00
L'Orignal	31,031.55	4,376.45	.....	35,408.00
Lucan	100,529.72	3,978.28	.....	104,508.00
Lucknow	149,061.76	5,320.24	.....	154,382.00
Lynden	55,349.03	2,298.97	.....	57,648.00
Madoc	119,158.10	6,293.90	.....	125,452.00
Magnetawan	8,421.59	680.41	.....	9,102.00

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1968

Municipality	Balance at December 31, 1967	Additions in the Year through Debt Retirement Charges	Annexations and Other Adjustments	Balance at December 31, 1968
	\$	\$	\$	\$
Markdale	94,530.41	5,197.59	.....	99,728.00
Markham	312,032.25	36,555.75	.....	348,588.00
Marmora	87,182.75	4,983.25	.....	92,166.00
Martintown	20,207.15	886.85	.....	21,094.00
Massey	30,580.74	3,883.26	.....	34,464.00
Maxville	75,203.30	3,820.70	.....	79,024.00
McGarry Twp	67,557.92	4,409.08	.....	71,967.00
Meaford	372,706.57	20,813.43	.....	393,520.00
Merlin	60,360.87	2,319.13	.....	62,680.00
Merrickville	40,426.60	3,790.40	.....	44,217.00
Midland	1,304,237.70	58,596.30	.....	1,362,834.00
Mildmay	60,514.84	2,788.16	.....	63,303.00
Millbrook	48,773.05	3,010.95	.....	51,784.00
Milton	616,928.00	32,031.00	.....	648,959.00
Milverton	190,502.74	5,867.26	.....	196,370.00
Mississauga	5,172,943.56	735,385.44	.....	5,908,329.00
Mitchell	295,631.67	14,438.33	.....	310,070.00
Moorefield	40,414.88	2,013.12	.....	42,428.00
Morrisburg	134,048.92	8,545.08	.....	142,594.00
Mount Brydges	54,238.98	3,036.02	.....	57,275.00
Mount Forest	270,734.97	14,207.79	637.24*	285,580.00
Napanee	493,474.25	20,425.75	.....	513,900.00
Nepean Twp.	987,444.14	236,188.86	.....	1,223,633.00
Neustadt	43,293.33	2,273.67	.....	45,567.00
Newboro	9,083.35	966.65	.....	10,050.00
Newburg	22,704.57	1,795.43	.....	24,500.00
Newbury	24,994.97	1,471.03	.....	26,466.00
Newcastle	93,512.69	6,759.31	.....	100,272.00
New Hamburg	260,800.72	11,152.28	.....	271,953.00
Newmarket	560,925.47	46,118.53	.....	607,044.00
Niagara	256,231.80	10,498.20	.....	266,730.00
Niagara Falls	4,568,053.40	223,920.60	.....	4,791,974.00
Nipigon	185,915.19	8,985.81	.....	194,901.00
North Bay	2,507,176.54	186,436.46	114,433.00**	2,579,180.00
North York	14,150,706.46	1,787,859.54	.....	15,938,566.00
Norwich	175,052.47	4,952.53	.....	180,005.00
Norwood	78,480.11	4,081.89	.....	82,562.00
Oakville	3,290,520.78	454,231.22	.....	3,744,752.00
Oil Springs	87,630.46	1,989.54	.....	89,620.00
Omeme	49,929.17	3,067.83	.....	52,997.00
Orangeville	439,522.93	27,259.07	.....	466,782.00
Orillia	472,068.87	66,301.13	.....	538,370.00
Orono	51,705.04	4,180.96	.....	55,886.00
Oshawa	7,774,663.44	543,698.56	.....	8,318,362.00
Ottawa	13,609,829.02	1,391,997.98	.....	15,001,827.00

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1968

Municipality	Balance at December 31, 1967	Additions in the Year through Debt Retirement Charges	Annexations and Other Adjustments	Balance at December 31, 1968
	\$	\$	\$	\$
Otterville	58,925.50	2,231.50	.....	61,157.00
Owen Sound	1,829,985.27	95,740.73	.....	1,925,726.00
Paisley	79,541.18	3,140.82	.....	82,682.00
Palmerston	229,163.81	7,255.19	.....	236,419.00
Paris	624,954.37	25,752.63	.....	650,707.00
Parkhill	138,479.85	5,603.15	.....	144,083.00
Parry Sound	197,756.43	20,921.57	.....	218,678.00
Pembroke	18,726.00	22,726.00	.....	41,452.00
Penetanguishene	386,061.49	19,591.51	.....	405,653.00
Perth	613,704.01	27,678.99	.....	641,383.00
Peterborough	4,828,226.50	300,338.50	.....	5,128,565.00
Petrolia	450,640.70	15,270.30	.....	465,911.00
Pickering	44,991.00	6,175.00	.....	51,166.00
Pictou	545,883.07	22,465.93	.....	568,349.00
Plantagenet	27,834.39	3,828.61	.....	31,663.00
Plattsville	82,848.10	4,676.90	.....	87,525.00
Point Edward	613,801.99	32,340.01	.....	646,142.00
Port Arthur	12,415,479.89	257,255.11	.....	12,672,735.00
Port Burwell	33,523.27	1,626.73	.....	35,150.00
Port Colborne	1,078,450.90	59,020.10	.....	1,137,471.00
Port Credit	960,308.61	82,881.39	.....	1,043,190.00
Port Dover	268,698.39	11,213.61	.....	279,912.00
Port Elgin	196,886.71	11,946.29	.....	208,833.00
Port Hope	954,753.46	49,604.54	.....	1,004,358.00
Port McNicoll	118,161.03	5,755.97	.....	123,917.00
Port Perry	185,106.67	12,478.33	.....	197,585.00
Port Rowan	53,604.90	2,099.10	.....	55,704.00
Port Stanley	226,129.66	6,266.34	.....	232,396.00
Prescott	463,237.96	23,981.04	.....	487,219.00
Preston	1,456,460.08	69,779.92	.....	1,526,240.00
Priceville	7,665.56	375.44	.....	8,041.00
Princeton	55,308.15	1,846.85	.....	57,155.00
Queenston	49,447.26	2,047.74	.....	51,495.00
Rainy River	33,689.69	4,477.31	.....	38,167.00
Red Rock	77,872.33	4,975.67	.....	82,848.00
Renfrew	349,398.46	31,270.54	.....	380,669.00
Richmond	60,294.25	6,084.75	.....	66,379.00
Richmond Hill	733,677.46	77,010.54	.....	810,688.00
Ridgetown	251,590.43	11,027.57	.....	262,618.00
Ripley	58,092.00	2,321.00	.....	60,413.00
Rockland	78,679.62	8,916.38	.....	87,596.00
Rockwood	68,075.65	3,389.35	.....	71,465.00
Rodney	88,767.84	3,241.16	.....	92,009.00
Rosseau	24,441.05	913.95	.....	25,355.00
Russell	45,117.24	2,501.76	.....	47,619.00

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1968

Municipality	Balance at December 31, 1967	Additions in the Year through Debt Retirement Charges	Annexations and Other Adjustments	Balance at December 31, 1968
	\$	\$	\$	\$
St. Catharines	10,001,810.81	624,709.19	.....	10,626,520.00
St. Clair Beach	70,048.05	5,063.95	.....	75,112.00
St. George	82,308.83	3,525.17	.....	85,834.00
St. Jacobs	105,209.31	4,322.69	.....	109,532.00
St. Mary's	989,533.97	21,822.03	.....	1,011,356.00
St. Thomas	2,698,868.06	119,344.94	.....	2,818,213.00
Sandwich West Twp.	203,697.25	22,205.75	.....	225,903.00
Sarnia	8,491,328.44	252,379.56	.....	8,743,708.00
Scarborough	10,603,575.11	1,200,826.89	.....	11,804,402.00
Schreiber	109,694.34	8,261.66	.....	117,956.00
Seaforth	288,184.00	10,490.00	.....	298,674.00
Shelburne	143,499.64	6,776.36	.....	150,276.00
Simcoe	1,019,134.86	58,658.14	.....	1,077,793.00
Sioux Lookout	205,285.40	11,308.60	.....	216,594.00
Smiths Falls	984,143.94	52,572.06	.....	1,036,716.00
Southampton	179,816.67	9,706.33	.....	189,523.00
South Grimsby Twp.	68,462.84	3,774.16	.....	72,237.00
South River	14,743.33	3,587.67	.....	18,331.00
Springfield	45,422.20	1,419.80	.....	46,842.00
Stayner	137,415.89	7,088.11	.....	144,504.00
Stirling	112,913.09	6,173.91	.....	119,087.00
Stoney Creek	271,945.68	24,902.32	.....	296,848.00
Stouffville	230,327.18	16,316.82	.....	246,644.00
Stratford	2,989,642.46	134,911.54	.....	3,124,554.00
Strathroy	568,059.98	27,874.02	.....	595,934.00
Streetsville	252,850.00	24,035.00	.....	276,885.00
Sturgeon Falls	171,345.07	19,551.93	.....	190,897.00
Sudbury	3,623,073.27	277,780.73	.....	3,900,854.00
Sunderland	59,269.25	3,046.75	.....	62,316.00
Sundridge	33,507.82	3,725.18	.....	37,233.00
Sutton	166,444.91	9,061.09	.....	175,506.00
Tara	65,430.75	4,184.25	.....	69,615.00
Tavistock	219,048.28	6,519.72	.....	225,568.00
Tecumseh	223,491.37	14,098.63	.....	237,590.00
Teeswater	104,362.74	5,550.26	.....	109,913.00
Terrace Bay Twp.	147,068.87	8,054.13	.....	155,123.00
Thamesford	112,199.85	6,496.15	.....	118,696.00
Thamesville	119,843.94	5,300.06	.....	125,144.00
Thedford	72,629.86	3,107.14	.....	75,737.00
Thessalon	41,026.78	5,781.22	.....	46,808.00
Thornbury	73,909.90	6,686.10	.....	80,596.00
Thorndale	42,279.62	1,354.38	.....	43,634.00
Thornton	21,127.58	864.42	.....	21,992.00
Thorold	1,267,372.61	33,346.39	.....	1,300,719.00
Tilbury	326,036.45	14,969.45	1,374.10*	342,380.00

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1968

Municipality	Balance at December 31, 1967	Additions in the Year through Debt Retirement Charges	Annexations and Other Adjustments	Balance at December 31, 1968
	\$	\$	\$	\$
Tillsonburg	655,645.11	36,248.89	.....	691,894.00
Toronto	110,081,264.97	3,950,373.03	.....	114,031,638.00
Tottenham	69,226.86	2,711.14	.....	71,938.00
Trenton	1,578,917.13	88,631.87	.....	1,667,549.00
Tweed	144,915.90	8,777.10	.....	153,693.00
Uxbridge	224,734.62	16,034.38	.....	240,769.00
Vankleek Hill	45,204.75	5,962.25	.....	51,167.00
Vaughan Twp	-	118,206.00	.....	118,206.00
Victoria Harbour	51,346.81	3,795.19	.....	55,142.00
Walkerton	356,141.06	25,528.94	.....	381,670.00
Wallaceburg	1,546,260.00	92,907.00	.....	1,639,167.00
Wardsville	29,056.29	1,103.71	.....	30,160.00
Warkworth	39,210.03	2,053.97	.....	41,264.00
Wasaga Beach	54,294.97	6,102.03	.....	60,397.00
Waterdown	138,985.33	7,519.67	.....	146,505.00
Waterford	190,878.47	9,387.53	.....	200,266.00
Waterloo	2,249,448.67	186,123.33	.....	2,435,572.00
Watford	189,993.21	8,887.79	.....	198,881.00
Waubashene	43,642.44	2,452.56	.....	46,095.00
Webbwood	9,797.92	1,299.08	.....	11,097.00
Welland	2,953,304.54	180,653.46	.....	3,133,958.00
Wellesley	73,570.00	3,178.00	.....	76,748.00
Wellington	96,307.81	3,684.19	.....	99,992.00
West Lorne	171,538.85	6,983.15	.....	178,522.00
Westport	55,259.73	2,650.27	.....	57,910.00
Wheatley	127,355.90	5,190.10	.....	132,546.00
Whitby	1,011,147.35	106,644.65	.....	1,117,792.00
Warton	181,017.69	8,712.31	.....	189,730.00
Williamsburg	41,088.55	1,440.45	.....	42,529.00
Winchester	170,117.00	10,397.00	.....	180,514.00
Windermere	23,670.73	1,149.27	.....	24,820.00
Windsor	18,912,848.20	855,647.80	.....	19,768,496.00
Wingham	349,103.14	17,620.86	.....	366,724.00
Woodbridge	285,914.07	11,599.93	.....	297,514.00
Woodstock	2,814,642.41	154,510.59	.....	2,969,153.00
Woodville	39,658.09	1,513.91	.....	41,172.00
Wyoming	63,177.64	4,241.36	.....	67,419.00
York	8,997,645.32	460,414.68	.....	9,458,060.00
Zurich	75,733.67	2,971.33	.....	78,705.00
Total Municipalities	456,792,963.65	27,069,096.27	102,635.92	483,759,424.00
Power District	176,262,300.85	15,573,932.23	11,797.08* 13,357.00**	191,811,079.00
TOTAL	633,055,264.50	42,643,028.50	127,790.00	675,570,503.00

* Transfer of equities from the Power District to Municipalities, resulting from annexations.

** Adjustment of prior years' matured equities.

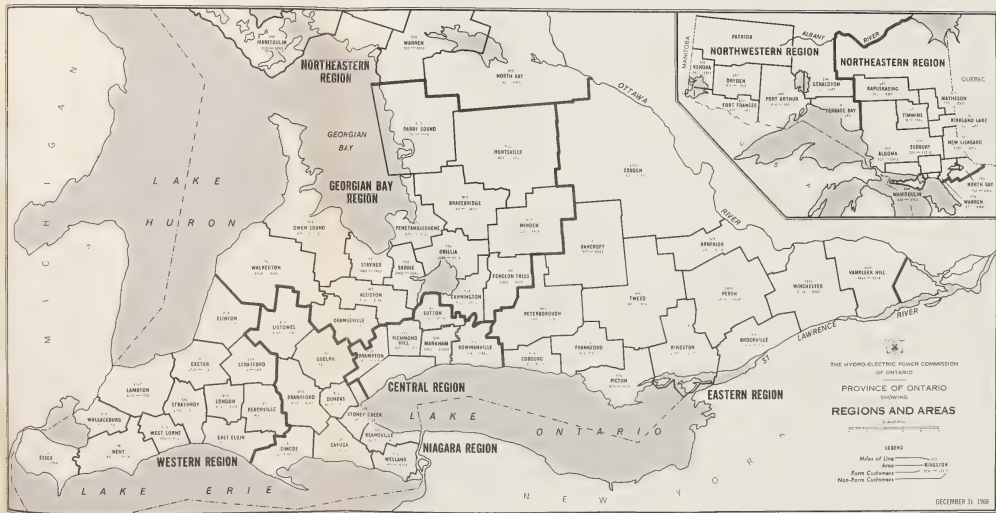
APPENDIX III—RURAL

THE COMMISSION distributes power and provides service to its rural system customers through 69 administrative Area Offices in the province. Retail customers are supplied under the following classes of service: Farm, Residential, Residential Seasonal, and General. The description of these classes of service and the rates applicable to them at December 31, 1968 are included in this appendix.

Description of Main Classes of Service

The farm class includes single-phase or three-phase electrical service to the farm residence and to all buildings and equipment used in the production and processing of farm products. In other words, for purposes of classification, a farm is a residence and a business. The business, which is agricultural production on a continuing basis, must be carried on at such a level as to ensure that the farm is a viable economic unit.

The term “agricultural production”, as used here, includes the work of cultivating soil, producing crops and raising livestock, as well as operations in nurseries, fur farms, hatcheries and egg production. Properties devoted solely to reforestation projects or the raising of Christmas trees, or having extensive acreage but not engaged in agricultural production are classified according to their use, but not as farms. Small properties of 30 acres and under are classified as residential,



unless they are operated for some intensive or specialized form of agricultural production, for example fruit farming, poultry raising, market gardening or nurseries.

Service may be supplied under one farm service to all separate dwellings on the property and occupied by persons engaged in its operation. Additional dwellings occupied by persons otherwise engaged are regarded as residential.

The year-round residential class is applicable to establishments used primarily for living accommodation, and considered to be the customer's permanent residence. There are two sub-classes of year-round residential service for rate purposes — Group 1 (B), which is applicable to services in designated zones of high customer concentration where there are at least 100 customers of any class in a group, with a density of not less than 25 customers per mile of line, and Group 2 (R), which is applicable elsewhere.

The residential seasonal class is applicable to any self-contained residential establishment which is not regarded as the customer's permanent residence, where residential occupancy is not continuous throughout a large part of the year, but rather, seasonal or intermittent, whether in summer or winter, or both. As in the year-round residential class, there are two sub-classes of residential seasonal service for rate purposes, Group 1 and Group 2.

The general class is applicable to all community business, processing, or manufacturing establishments supplied with single-phase or three-phase electrical service at secondary, rural primary distribution, or subtransmission voltage, exclusive of those that fall within the definition of the farm class.

Rural Rate Structure

The net rates in effect at December 31, 1968, are given in the accompanying table. They are quoted on a monthly basis except the rates for residential seasonal services, which are quoted on an annual basis. The table shows the number of kilowatt-hours in each energy block, and the rate applicable to each class of service. Bills are subject to a monthly minimum as shown or, for residential seasonal service, to an annual minimum. Bills for farm and general accounts include a demand charge for kilowatts in excess of 50 and are subject to minima based on demands established in previous billing periods.

The all-electric rates in effect throughout the province apply only to year-round residential service where the sole source of energy is electricity, that is, where electric energy exclusively is used day by day for space-heating, cooking, and water-heating through the use of a high-performance water-heater, having tank and element sizes acceptable to Ontario Hydro.

RURAL ELECTRICAL SERVICE

At the end of 1968, the Commission was serving 550,685 rural customers, 10,311 more than at the end of 1967, despite allowance for the transfer of 8,448 customers to municipal electrical utilities following annexation. This overall increase is mainly due to the growth in the Residential classes. The Residential

Rural Electrical Service 1959 - 1968
CUSTOMERS, REVENUE, AND CONSUMPTION, BY CLASSES OF SERVICE

Class of Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	Kwh		Kwh	¢
*Farm	1959	16,122,453	804,044,121	140,892	477	2.01
	1960	16,688,958	850,192,892	140,782	503	1.96
	1961	17,367,400	909,189,400	138,924	542	1.91
	1962	17,975,845	971,696,100	137,954	585	1.85
	1963	19,086,801	1,058,604,500	136,864	642	1.80
	1964	19,447,674	1,090,954,900	135,680	667	1.78
	1965	20,408,010	1,170,321,600	134,484	722	1.74
	1966	21,140,330	1,226,165,263	133,112	764	1.72
	1967	22,373,234	1,332,360,300	132,235	837	1.68
	1968	23,763,112	1,403,287,300	130,166	891	1.69
*Rural, and Suburban Residential ..	1959	18,862,773	988,315,209	218,287	387	1.91
	1960	20,151,434	1,070,637,716	221,915	405	1.88
	1961	20,494,966	1,096,653,000	205,822	427	1.87
	1962	21,366,479	1,153,182,400	215,857	456	1.85
	1963	23,616,431	1,299,169,800	224,024	492	1.82
	1964	24,563,281	1,364,958,200	220,199	512	1.80
	1965	25,686,192	1,459,057,800	220,617	552	1.76
	1966	26,365,167	1,570,966,227	227,909	584	1.68
	1967	28,967,165	1,797,122,700	238,386	642	1.61
	1968	32,353,023	1,992,463,900	245,009	687	1.62
*Commercial (including Summer Commercial)	1959	5,764,611	282,562,584	38,176	627	2.04
	1960	6,099,889	301,874,591	38,887	653	2.02
	1961	6,425,565	324,871,900	38,496	700	1.98
	1962	6,739,668	343,061,600	39,574	732	1.96
	1963	7,423,798	383,400,200	40,509	798	1.94
	1964	7,821,307	407,033,500	40,525	837	1.92
	1965	8,355,580	435,773,100	40,506	896	1.92
	1966	8,654,367	478,810,358	40,363	987	1.81
	1967	9,077,859	515,704,600	40,560	1,062	1.76
	1968	9,887,524	562,106,300	40,335	1,158	1.76
Summer	1959	3,170,306	60,345,721	91,390	57	5.25
	1960	4,141,665	67,785,615	95,196	61	6.11
	1961	4,358,812	74,693,800	99,032	64	5.84
	1962	4,613,953	83,051,000	103,415	68	5.56
	1963	4,979,590	96,694,400	108,077	76	5.15
	1964	5,225,074	105,483,200	112,445	80	4.95
	1965	5,624,928	122,354,200	116,326	89	4.60
	1966	5,835,789	130,845,233	120,611	92	4.46
	1967	6,229,861	148,971,200	125,207	101	4.18
	1968	6,815,172	181,449,700	131,003	118	3.76
Industrial Power	1959	4,612,172	287,458,107	2,325	10,795	1.60
	1960	5,017,774	325,416,458	2,511	11,215	1.54
	1961	5,414,240	354,069,300	2,475	11,835	1.53
	1962	6,236,466	418,959,700	2,762	13,333	1.49
	1963	7,840,887	555,322,000	3,036	15,963	1.41
	1964	9,782,441	779,264,700	3,139	21,033	1.26
	1965	10,997,087	907,222,800	3,271	23,589	1.21
	1966	10,082,027	977,967,494	3,549	23,900	1.03
	1967	10,546,055	1,071,004,500	3,986	23,690	0.98
	1968	11,665,809	1,162,315,200	4,172	23,746	1.00

* Consumption for flat-rate water heaters is included on the basis of an estimated 16.8 hours' daily use.

Note: This table will eventually be replaced by the alternative shown on the next page, in which the same statistical information for the years from 1966 on is presented in accordance with the extensive customer reclassifications introduced in that year.

Rural Electrical Service — 1966 — 1968
CUSTOMERS, REVENUE, AND CONSUMPTION, BY CLASSES OF SERVICE

Class of Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
*Farm	1966	21,312,377.49	1,240,088,007	133,305	771	1.72
	1967	22,573,596.00	1,349,750,300	132,454	847	1.67
	1968	24,003,192.00	1,424,332,100	130,406	903	1.69
Year-Round Residential	1966	26,365,167.32	1,570,966,227	227,909	584	1.68
	1967	28,967,165.00	1,797,122,700	238,386	642	1.61
	1968	32,353,023.00	1,992,463,900	245,009	687	1.62
*General	1966	18,564,346.15	1,442,855,108	43,719	2,753	1.29
	1967	19,423,552.00	1,569,319,100	44,327	2,971	1.24
	1968	21,313,253.00	1,703,376,700	44,267	3,205	1.25
*Seasonal Residential	1966	5,835,789.35	130,845,233	120,611	92	4.46
	1967	6,229,861.00	148,971,200	125,207	101	4.18
	1968	6,815,172.00	181,449,700	131,003	118	3.76

* Consumption for flat-rate water heaters is included on the basis of an estimated 16.8 hours' daily use.

NOTE: In this table, the general class includes the former commercial, summer commercial and industrial power classes. Three-phase farm service statistics formerly included with industrial power are now included under farm.

Seasonal class continues to be the fastest growing segment of our customer population having increased in ten years from 91,390 in 1959 to 131,003 at the end of 1968.

In contrast, the number of Farm customers continues to decline, and the 130,406 served at the end of 1968 is the lowest in any year since 1952. The decline is attributable to three main factors, the abandonment of unprofitable farms, the consolidation of small farms into larger units, and the reclassification of former farm services to more appropriate classes of service.

The decline in the number of farm service customers is not reflected in the revenue and energy consumption statistics which continue to show increases. While revenue was at an all-time high, it was insufficient to offset the overall cost of service and new rural rates were applied to all classes of service except Residential Seasonal, on October 1, 1968. The last-quarter introduction of these new rates did not materially affect the average cost per kilowatt-hour to the customer for 1968, and as a result, this figure declined for the fourteenth consecutive year.

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1968

AREAS BY REGIONS	MILES OF PRIMARY LINE		NUMBER OF CUSTOMERS				Total
		Farm	Residential		General		
			Year- Round	Seasonal	Year- Round	Seasonal	
EAST SYSTEM							
WESTERN							
Beachville	796.88	3,043	2,506	45	466	4	6,064
Clinton	834.16	3,186	1,549	1,284	402	26	6,447
East Elgin	713.49	3,120	4,401	169	684	15	8,389
Essex	1,101.51	5,392	8,339	3,392	1,140	93	18,356
Exeter	682.30	2,720	1,181	618	303	15	4,837
Kent	1,096.76	4,317	3,734	1,026	842	52	9,971
Lambton	1,037.24	4,099	4,819	1,976	854	97	11,845
London	483.22	1,809	2,505	40	511	2	4,867
Stratford	684.08	2,929	1,431	16	400	—	4,776
Strathroy	681.81	2,292	2,238	8	456	—	4,994
Wallaceburg	478.27	1,772	1,639	433	449	—	4,293
West Lorne	511.57	1,829	570	67	239	—	2,705
Total	9,101.29	36,508	34,912	9,074	6,746	304	87,544
NIAGARA							
Beamsville	586.16	3,075	6,143	185	740	6	10,149
Brantford	833.06	3,092	3,572	61	643	6	7,374
Cayuga	738.25	2,622	2,561	2,686	510	65	8,444
Dundas	400.62	1,623	5,828	1	510	—	7,962
Guelph	949.63	2,979	5,211	490	872	18	9,570
Listowel	879.05	3,557	1,665	397	529	5	6,153
Simcoe	820.77	3,628	4,142	1,861	533	96	10,260
Stoney Creek	295.76	851	6,381	85	755	—	8,072
Welland	580.30	1,353	6,117	1,410	745	82	9,707
Total	6,083.60	22,780	41,620	7,176	5,837	278	77,691

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1968

AREAS BY REGIONS	MILES OF PRIMARY LINE		NUMBER OF CUSTOMERS				Total	
			Farm	Residential		General		
				Year- Round	Seasonal	Year- Round		Seasonal
EAST SYSTEM —Continued								
CENTRAL								
Bowmanville	659.62	1,668	4,468	1,391	558	26	8,111	
Brampton	619.70	1,470	8,134	185	780	14	10,583	
Markham	528.23	1,461	10,240	562	1,003	39	13,305	
Richmond Hill ...	372.67	1,005	9,114	176	1,010	5	11,310	
Sutton	492.34	1,379	5,560	3,293	560	111	10,903	
Total	2,672.56	6,983	37,516	5,607	3,911	195	54,212	
GEORGIAN BAY								
Alliston	903.45	3,106	2,093	443	398	12	6,052	
Barrie	550.13	1,400	4,580	3,989	562	110	10,641	
Bracebridge	959.19	283	2,704	9,965	469	335	13,756	
Cannington	594.16	1,512	1,860	3,270	340	42	7,024	
Fenelon Falls	601.44	1,009	1,388	5,342	246	201	8,186	
Huntsville	835.34	413	2,665	4,585	450	285	8,398	
Minden	614.93	309	2,002	5,806	414	196	8,727	
Orangeville	796.97	2,192	2,595	602	469	11	5,869	
Orillia	590.25	1,048	2,578	5,035	431	170	9,262	
Owen Sound	1,563.76	4,357	3,619	6,269	882	257	15,384	
Parry Sound	612.48	156	1,862	3,142	339	231	5,730	
Penetanguishene ..	627.01	679	2,091	7,518	313	200	10,801	
Stayner	526.77	1,468	2,259	4,520	389	235	8,871	
Walkerton	1,749.55	6,568	2,447	2,317	819	98	12,249	
Total	11,525.43	24,500	34,743	62,803	6,521	2,383	130,950	

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1968

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Year- Round	Seasonal	Year- Round	Seasonal	
EAST SYSTEM —Continued							
EASTERN							
Arnprior	583.63	1,241	3,656	1,963	494	51	7,405
Bancroft	783.03	597	1,844	4,200	449	—	7,090
Brockville	895.64	2,329	4,274	2,007	811	—	9,421
Cobden	1,364.50	2,562	5,692	2,339	984	146	11,723
Cobourg	634.13	1,654	2,850	1,311	387	81	6,283
Frankford	879.34	2,403	5,058	827	772	34	9,094
Kingston	1,169.98	2,240	8,404	2,749	1,172	—	14,565
Perth	1,449.53	2,834	2,882	4,679	649	184	11,228
Peterborough	1,488.27	2,995	4,840	8,115	750	274	16,974
Pictou	774.18	2,569	3,460	1,453	516	141	8,139
Tweed	906.27	1,491	2,187	2,198	433	179	6,488
Vankleek Hill	1,166.35	4,168	3,728	1,168	924	14	10,002
Winchester	1,571.30	5,393	6,509	739	1,198	22	13,861
Total	13,666.15	32,476	55,384	33,748	9,539	1,126	132,273
NORTHEASTERN							
Algoma	393.14	369	3,946	425	642	60	5,442
Kapuskasing	386.98	263	3,476	377	436	16	4,568
Kirkland Lake	142.43	32	392	471	105	19	1,019
Manitoulin	644.19	838	2,040	1,013	580	136	4,607
Matheson	514.97	556	1,374	445	241	6	2,622
New Liskeard	706.72	1,207	1,903	610	537	1	4,258
North Bay	770.56	792	2,945	1,414	431	176	5,758
Sudbury	696.67	222	11,151	1,611	939	37	13,960
Timmins	172.56	128	1,139	126	213	4	1,610
Warren	574.29	787	2,261	1,595	395	109	5,147
Total	5,002.51	5,194	30,627	8,087	4,519	564	48,991

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1968

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Residential			General		Total
		Farm	Year- Round	Seasonal	Year- Round	Seasonal	
WEST SYSTEM							
NORTHWESTERN							
Dryden	387.03	208	1,721	543	330	74	2,876
Fort Frances	628.99	835	1,195	344	373	49	2,796
Geraldton	144.22	2	815	34	284	14	1,149
Kenora	327.55	54	1,347	1,634	249	153	3,437
Port Arthur	944.24	866	4,306	1,910	611	28	7,721
Terrace Bay	50.68	—	823	43	161	18	1,045
Total	2,482.71	1,965	10,207	4,508	2,008	336	19,024

SUMMARY—MILES OF LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1968

REGIONS BY SYSTEMS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Residential			General		Total
		Farm	Year- Round	Seasonal	Year- Round	Seasonal	
EAST SYSTEM							
Niagara	6,083.60	22,780	41,620	7,176	5,837	278	77,691
Central	2,672.56	6,983	37,516	5,607	3,911	195	54,212
Western	9,101.29	36,508	34,912	9,074	6,746	304	87,544
Eastern	13,666.15	32,476	55,384	33,748	9,539	1,126	132,273
Georgian Bay	11,525.43	24,500	34,743	62,803	6,521	2,383	130,950
Northeastern	5,002.51	5,194	30,627	8,087	4,519	564	48,991
Total	48,051.54	128,441	234,802	126,495	37,073	4,850	531,661
WEST SYSTEM							
Northwestern	2,482.71	1,965	10,207	4,508	2,008	336	19,024
Grand Total	50,534.25	130,406	245,009	131,003	39,081	5,186	550,685

NET RATES AND TYPICAL BILLS FOR RURAL ELECTRICAL SERVICE

(Subject to a 5 per cent late-payment charge)

Class and Designation	Electric Heating Separately Billed ¢ per Kwh **	Number of Kilowatt-Hours per Month Billed at Kwh Rate Shown (+ indicates all additional)											Minimum Charge per Month	Net Monthly Charge for		
		5.5¢	5.0¢	4.5¢	2.5¢	2.2¢	2.1¢	1.8¢	1.45¢	1.3¢	1.25¢	1.1¢		250 kwh	500 kwh	
Residential ▲ GROUP 1 • B EB● ▲ GROUP 2 • R2■ • R ER●	1.1	...	...	50	...	...	200	...	...	500	...	+	\$2.75	\$6.45	\$9.70
	...	...	...	...	...	...	50	...	...	1200	...	+	\$2.75	\$3.50	\$6.75
	1.25	...	50	...	...	200	...	...	500	...	+	...	\$2.50	\$6.90	\$10.53
	1.25	50	...	...	200	...	...	...	500	...	+	...	\$2.75	\$7.75	\$11.38
	...	...	...	...	...	50	...	...	1200	...	+	...	\$2.75	\$4.00	\$ 7.63
	ANNUAL RATES											Minimum Annual Charge	Net Annual Charge for			
	First 700 Kwh or Less per Year		Balance of Kilowatt-Hours per Year at Kwh Rate Shown (+ indicates all additional)										1000 kwh	3000 kwh		
			2.0¢		1.7¢		1.25¢		1.1¢							
	Residential Seasonal	...	\$40.00		...		800		...		+			\$40.00	\$45.10	\$70.10
		...	\$40.00		800		...		+		...			\$40.00	\$46.00	\$74.75

▲ Under residential and residential seasonal, group 1 are high-density and group 2 are low-density.

* Upon application to the Commission, customers using an approved metered electric water-heater with tank and element sizes acceptable to Ontario Hydro shall have a block of 500 kwh at 0.8¢ per kwh inserted in the rate schedule immediately following the second block.

** Applicable only to existing separately billed electric heating services in apartment buildings and to separately metered electric heating in farm homes.

■ Existing 2-wire services only.

● All-electric rate for customers having an approved metered, electric water-heater and using electricity as the sole source of energy for home heating and cooking.

Class and Designation	First 50 kwh or less per month	Balance of Kilowatt-Hours per Month at Kwh Rate Shown (+ indicates all additional)							Demand Charge	Minimum Charge per Month	Net Monthly Charge Under 50 kw for		
		3.1¢	2.6¢	1.55¢	1.35¢	0.55¢	0.44¢	0.33¢	First 50 kw per month—no charge Balance—\$ per kw		250 kwh	500 kwh	
General													
SINGLE-PHASE													
• 1G2▲	\$2.75	...	200	1000	+	...	...	...	....	\$2.75	\$7.95	\$11.83
1G1▲	\$3.25	200	...	1000	8750	+	...	...	\$1.90	\$3.25⊙	\$9.45	\$13.33
THREE-PHASE													
1G3▲	\$8.25	200	...	1000	8750	190,000	800,000	+	\$1.90	\$8.25⊙	\$14.45	\$18.33	
Farm		Balance of Kwh per Month at ¢ per Kwh (+ indicates all additional)											
		2.7¢		1.5¢		1.3¢		0.55¢					
SINGLE-PHASE													
1F1■	\$2.75	200		500		9250		+		\$1.90	\$2.75⊙	\$ 8.15	\$11.90
THREE-PHASE													
1F3■	\$7.75	200		500		9250		+		\$1.90	\$7.75⊙	\$13.15	\$16.90

● Existing 2-wire services only.

▲ Upon application to the Commission, customers having one or more approved electric water-heaters, with tank and element sizes acceptable to Ontario Hydro, may have a block of 500 kwh inserted in the rate schedule immediately following the second block, at 0.9¢ per kwh for General and 0.8¢ for Farm. The third block would then be reduced by 500 kwh from the figure shown.

⊙ Plus 25¢ per kw for each kw in excess of 50, established as a peak during the previous 11 months, or such minimum as may be required.

SUPPLEMENT

MUNICIPAL ELECTRICAL SERVICE

RETAIL service in cities, towns, and villages, and in certain of the more densely populated township areas in the province is provided for the most part by the 354 municipal electrical utilities associated with the Commission's East and West Systems. In 28 other communities, including towns, townships, and villages, the Commission owns and operates distribution facilities serving retail customers directly. Both types of retail service are brought together in this supplement to the Commission's Report since, as municipal operations, they are similar in every respect except administration. The table and graphs that immediately follow, therefore, cover three major classes of service provided during 1968 in 382 communities where a total of 1,741,144 customers were served, 1,709,111 by the municipal electrical utilities and 32,033 by the Commission.

The statistics on retail service in general are followed by a commentary on the municipal electrical utilities in particular. The tabular statements that form the remainder of the supplement give information on financial operations, rates, consumption, and average cost per kilowatt-hour. Statements A and B include a balance sheet and an operating statement for each of the municipal electrical utilities, and Statements C and D provide more general statistics for all 382 communities. The population figures quoted are for the most part those given in the Municipal Directory for 1969, published by the Department of Municipal Affairs of the Province of Ontario.

The general rate was used by the Commission and the municipal utilities for former industrial power and commercial services in 99 of the communities listed in Statements C and D. The number of customers billed on this rate schedule

Municipal Electrical Service
CUSTOMERS, REVENUE, AND CONSUMPTION
 1959 to 1968

Class of Service	Year	Revenue	Consumption	*Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
Residential	1959	73,955,229	6,540,969,291	1,194,878	456	1.13
	1960	78,337,615	6,944,659,090	1,234,903	469	1.13
	1961	83,682,550	7,400,028,084	1,307,893	472	1.13
	1962	89,016,406	7,852,651,665	1,346,408	486	1.13
	1963	93,121,018	8,255,600,930	1,382,270	498	1.13
	1964	98,724,259	8,742,950,806	1,434,174	508	1.13
	1965	106,738,283	9,423,405,257	1,475,590	532	1.13
	1966	114,462,536	10,102,582,788	1,505,780	559	1.13
	1967	123,236,091	10,796,826,704	1,540,505	584	1.14
	1968	137,250,772	11,531,567,252	1,565,268	619	1.19
Commercial	1959	38,079,501	2,669,327,226	120,733	1,842	1.43
	1960	41,229,320	2,921,670,317	123,441	1,972	1.41
	1961	45,718,484	3,289,119,534	122,863	2,231	1.39
	1962	49,438,348	3,633,872,392	121,964	2,483	1.36
	1963	53,130,394	3,983,332,309	123,296	2,692	1.33
	1964	58,244,181	4,460,958,590	125,555	2,961	1.31
	1965	64,558,257	4,988,713,185	127,645	3,257	1.29
	1966	72,309,441	5,705,565,474	132,270	3,595	1.27
	1967	81,101,116	6,450,509,342	140,087	3,837	1.26
	1968	92,745,351	7,254,645,414	151,017	4,154	1.28
Industrial Power	1959	61,167,603	7,052,152,034	23,545	24,960	0.87
	1960	64,057,506	7,326,683,025	23,613	25,857	0.87
	1961	69,215,271	7,994,001,074	23,179	28,740	0.87
	1962	74,198,657	8,704,987,001	23,145	31,342	0.85
	1963	79,740,870	9,581,875,552	23,456	34,042	0.83
	1964	86,451,270	10,488,380,325	23,866	36,622	0.82
	1965	95,988,774	11,668,654,346	23,675	41,072	0.82
	1966	100,320,320	12,077,932,115	23,999	41,939	0.83
	1967	106,988,141	12,594,313,013	24,560	42,733	0.85
	1968	120,284,786	13,708,827,688	24,859	46,233	0.88
† General Rate	1967	30,517,324	3,262,998,579	27,566	9,864	0.94
	1968	49,510,529	5,110,730,469	48,825	11,150	0.97

NOTE: Kwh consumption figures for residential and commercial services in the above table reflect the use of flat-rate water heaters for a uniform average of 16.8 hours per day.

* Irregular variations from year to year in numbers of customers result from reclassifications from commercial to residential and from industrial power to commercial service.

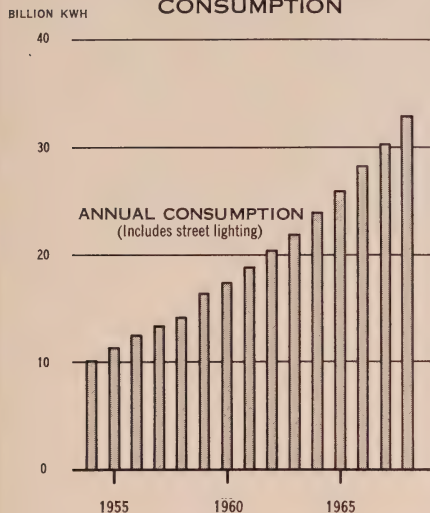
† The general rate is applicable to all former commercial, small commercial, and industrial power service customers. At the end of 1966, only two municipal electrical utilities had adopted the new rate but this number had increased to thirty-six by the end of 1967 and ninety-nine by the end of 1968, showing a ready acceptance for this type of rate structure. While the general rate is shown as a separate classification in the table above, for purposes of continuity of trends in costs and usage, the same data relating to revenue, energy, and customers, have also been proportionately allocated to the former categories of commercial and industrial power service.

* Commencing in 1968, the method of calculating the monthly consumption per customer was changed. The new formula uses the average of the numbers of customers served at the end of the current year and the previous year.

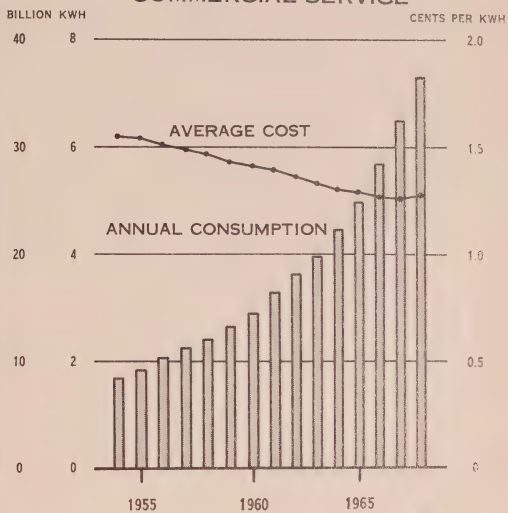
MUNICIPAL ELECTRICAL SERVICE

ANNUAL ENERGY CONSUMPTION AND AVERAGE COST PER KILOWATT-HOUR

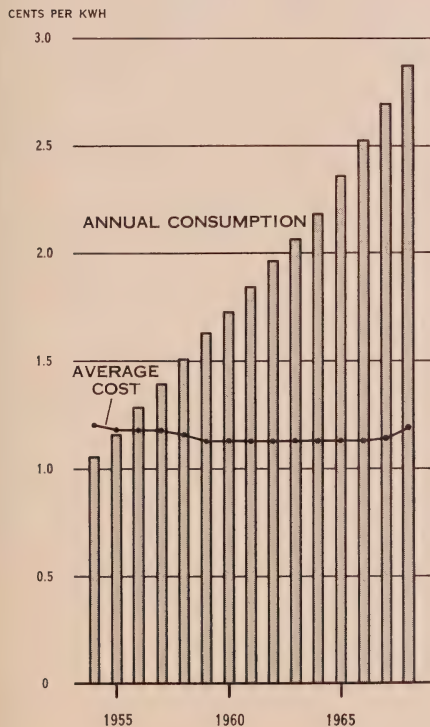
TOTAL ANNUAL ENERGY CONSUMPTION



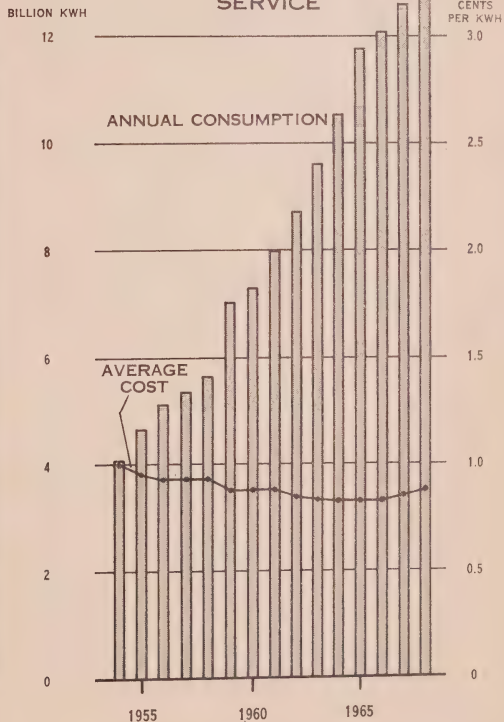
COMMERCIAL SERVICE



RESIDENTIAL SERVICE



INDUSTRIAL POWER SERVICE



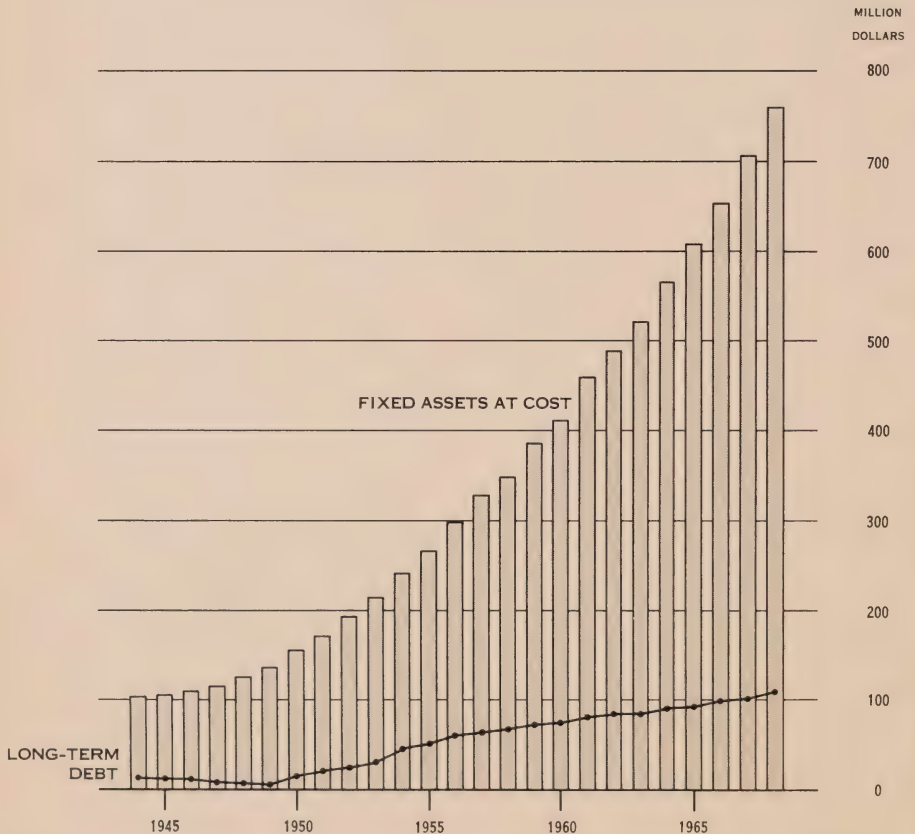
numbered 48,825 at the end of the year. For purposes of comparison with earlier years when this rate was not in effect, these customers have also been included in the other services roughly in proportion to the former ratios of these services. On the basis of this reclassification of customers, revenue, and consumption, any year-to-year comparisons must of necessity be rough approximations.

MUNICIPAL ELECTRICAL UTILITIES

The total assets of the 354 municipal electrical utilities served under cost contracts in 1968 amounted to \$1,140,105,341 after the deduction of accumulated depreciation of \$200,212,484. The increase of \$72,591,150 includes an increase of \$25,757,265 in the utilities' equity in Ontario Hydro systems. This equity, amounting to \$464,803,659 at the end of 1968, is the sum of the annual

MUNICIPAL ELECTRICAL UTILITIES

FIXED ASSETS AND LONG-TERM DEBT

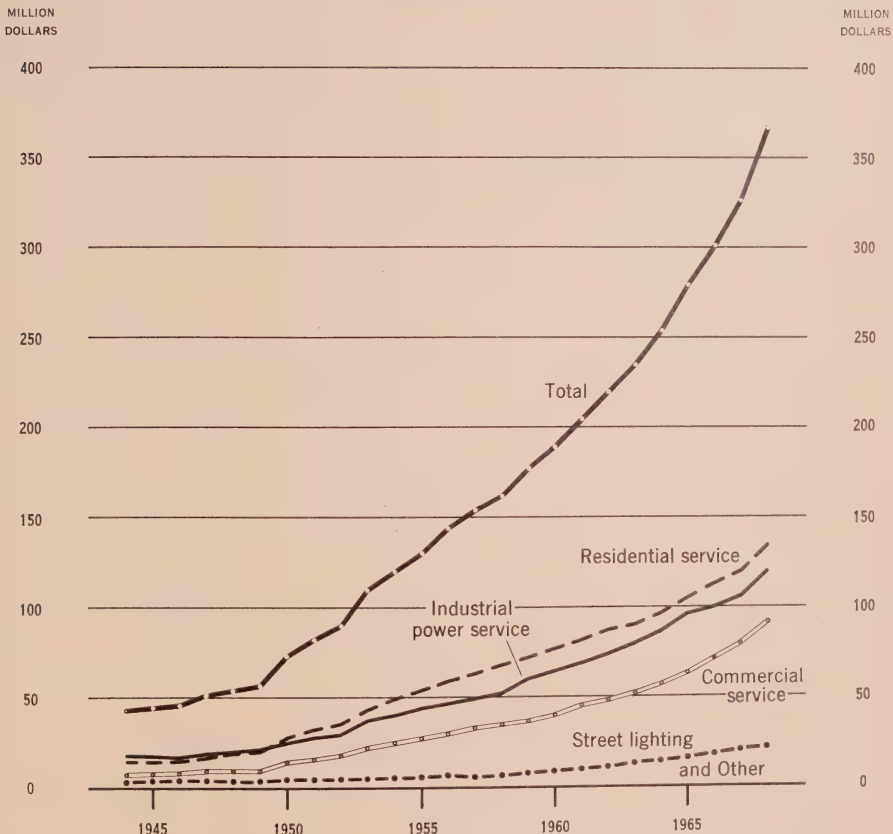


contributions made by the utilities under a provision specifically designated in their cost of power for the retirement of the Commission's borrowings. The equity in 1968 represented 40.8 per cent of the total assets of the utilities, and each utility's share in the total equity, its contributions plus interest, is shown in Statement A. These utility equities and their sum differ from the amounts shown on the Commission's balance sheet and in the schedule of equities accumulated through debt retirement charges only because the Commission's schedule is not available when the utilities close their books at the end of the year. The figures shown in Statement A are, with very few exceptions, those as at the end of 1967 rather than 1968.

The investment of the municipal electrical utilities in fixed assets at cost increased by \$52,460,369 during 1968 to a total of \$759,163,167. The net requirement on outside sources to meet this substantial increase was \$8,242,833.

MUNICIPAL ELECTRICAL UTILITIES

REVENUE



With debentures outstanding amounting to \$108,216,271, and \$11,969,393 in sinking fund on debentures already provided for redemption of this debt, the utilities' net long-term debt relative to fixed assets at cost was 12.7 per cent at the end of 1968, as compared with 12.6 per cent at the end of 1967.

Total revenues of the municipal electrical utilities were up by 12.4 per cent, rising to \$366,932,874. These revenues were derived as shown in the following table:

Residential Service	\$134,729,564
Commercial Service	75,358,793
Industrial Power Service	95,070,121
General	40,664,413
Street Lighting	10,157,306
Total	<u>355,980,197</u>
Miscellaneous	10,952,677
Total Revenues	<u>\$366,932,874</u>

The total expenses of the utilities rose by 13.3 per cent to \$346,779,746, leaving a margin of net revenue of \$20,153,128, which was 5.5 per cent of total revenues as compared with 6.3 per cent in 1967.

The Commission regards such a margin of net income as an economical source of funds for use by the municipal utilities in the normal expansion of their systems. This is particularly true under present conditions of excessively high interest rates on borrowed funds. The margin also provides a stabilizing factor in the process of retail rate adjustment. This is taken into consideration in all reviews of municipal utility retail rates. The Commission, as required by The Power Commission Act, exercises supervisory control over the activities of the municipal electrical utilities, and their rates to ultimate customers are subject to the Commission's review and approval.

The books of account from which the foregoing financial information is derived are kept by the utilities in accordance with a standard accounting system designed by the Commission for use by all its municipal electric-utility customers. These records are periodically inspected by the Commission's municipal accountants. From time to time adjustments and improvements in accounting procedure and office routine are recommended as required. By providing this type of assistance and supervision, the Commission seeks to ensure the correct application of rates and standard procedures and the observance of a uniform classification of revenues and expenditures. The work carried out by the Commission's municipal accountants on the utilities' behalf does not, however, constitute an audit of their accounts. The municipalities must make their own arrangements for this audit.

MUNICIPAL ELECTRICAL SERVICE

Statistical Tables

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STATEMENT D—

Cutomers, Revenue, and Consumption in Municipalities Served by the 354 Municipal Electrical Utilities and by Commission-owned Distribution Facilities in 28 Towns and Villages	228
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MUNICIPAL ELECTRICAL UTILITIES

Year	1959	1960	1961	1962
Number of Municipal Utilities Included	354	354	354	355
A. BALANCE SHEET				
FIXED ASSETS	\$	\$	\$	\$
Plant and facilities at cost.....	385,419,306	413,611,989	457,392,623	488,393,074
Less accumulated depreciation.....	77,551,575	82,246,973	100,165,249	109,914,757
Net fixed assets	307,867,731	331,365,016	357,227,374	378,478,317
CURRENT ASSETS				
Cash on hand and in bank.....	10,400,010	12,250,801	15,105,454	18,063,961
Investments—short term.....				
—long term.....	15,560,183	13,990,120	14,672,152	16,984,376
Accounts receivable (net).....	13,463,791	12,868,807	14,190,953	15,807,380
Other.....				
Total current assets.....	39,423,984	39,109,728	43,968,559	50,855,717
OTHER ASSETS				
Inventories.....	9,381,215	9,197,511	9,590,459	9,742,156
Sinking fund on debentures.....	1,726,182	2,316,958	3,261,509	4,312,070
Miscellaneous assets.....	2,421,279	2,553,588	2,643,494	2,715,626
Total other assets.....	13,528,676	14,068,057	15,495,462	16,769,852
Equity in Ontario Hydro.....	238,790,589	261,101,650	282,255,861	305,826,987
Total.....	599,610,980	645,644,451	698,947,256	751,930,873
LIABILITIES				
Debentures outstanding.....	70,456,844	74,429,684	81,812,075	83,167,367
Current liabilities.....	10,589,995	10,485,382	12,594,844	12,753,744
Other liabilities.....	6,565,031	7,146,524	7,860,946	8,254,687
Total liabilities.....	87,611,870	92,061,590	102,267,865	104,175,798
RESERVES				
Equity in Ontario Hydro.....	238,790,589	261,101,650	282,255,861	305,826,987
Other reserves.....	2,864,918	2,920,005	2,468,637	2,481,991
Total reserves.....	241,655,507	264,021,655	284,724,498	308,308,978
CAPITAL				
Debentures redeemed.....	77,881,620	81,266,027	84,572,157	88,386,510
Sinking fund debentures.....	1,726,182	2,316,958	3,261,509	4,312,070
Accumulated net income invested in plant or held as working funds.....	190,444,985	205,984,657	224,121,227	246,747,517
Contributed capital.....				
Frequency standardization expense charged this year.....	290,816	6,436		
Total capital.....	270,343,603	289,561,206	311,954,893	339,446,097
Total.....	599,610,980	645,644,451	698,947,256	751,930,873
B. OPERATING STATEMENT				
REVENUE				
Sale of electrical energy.....	175,686,813	186,599,701	201,891,409	216,412,017
Miscellaneous.....	2,400,070	2,720,870	3,274,114	4,439,792
Total revenue.....	178,086,883	189,320,571	205,165,523	220,851,809
EXPENSE				
Power purchased.....	111,160,867	122,634,361	130,857,200	139,291,682
Local generation.....	531,076	536,118	529,955	570,500
Operation and maintenance.....	17,065,080	18,273,164	19,486,528	20,760,837
Administration.....	14,954,828	15,766,246	17,342,308	18,482,105
Financial.....	6,824,770	7,440,556	8,203,772	8,912,277
Depreciation.....	10,030,350	10,750,710	11,466,692	11,655,654
Other.....	14,316	22,506	81,734	73,080
Total expense.....	160,581,287	175,423,661	187,968,189	199,746,135
Net income.....	17,505,596	13,896,910	17,197,334	21,105,674
Number of customers.....	1,310,099	1,351,915	1,423,427	1,460,553

CONSOLIDATED FINANCIAL STATEMENTS 1959-1968

1963	1964	1965	1966	1967	1968
355	357	360	358	355	354
\$	\$	\$	\$	\$	\$
523,032,765	564,408,772	607,675,682	654,128,175	706,702,798	759,163,167
120,564,846	133,554,046	148,250,022	164,122,993	182,315,075	200,212,484
402,467,919	430,854,726	459,425,660	490,005,182	524,387,723	558,950,683
19,175,569	22,394,390	29,195,624	12,138,312	11,784,458	11,554,954
16,225,459	13,290,755	9,749,732	19,530,448	21,164,511	27,957,092
15,572,525	16,566,500	18,398,616	9,515,323	9,039,413	8,252,468
			23,415,599	23,168,868	27,549,947
				1,834,703	1,488,012
50,973,553	52,251,645	57,343,972	64,599,682	66,941,953	76,802,473
10,351,372	10,878,773	12,648,044	14,192,035	15,803,084	15,883,122
5,442,451	6,626,453	7,740,863	9,073,286	11,099,516	11,969,393
3,235,378	6,505,335	8,782,008	10,162,656	10,185,521	11,696,011
19,029,201	24,010,561	29,170,915	33,427,977	37,088,121	39,548,526
329,924,857	354,153,351	378,707,011	406,329,792	439,046,394	464,803,659
802,395,530	861,270,283	924,647,558	994,362,633	1,067,514,191	1,140,105,341
82,865,177	87,951,607	92,106,967	97,299,929	99,973,438	108,216,271
12,860,334	14,627,872	17,815,810	21,534,264	28,417,741	40,797,753
8,534,095	9,799,228	10,515,302	10,693,822	8,671,660	13,611,744
104,259,606	112,378,707	120,438,079	129,528,015	137,062,839	162,625,768
329,924,857	354,153,351	378,707,011	406,329,792	439,046,394	464,803,659
2,323,811	2,251,343	2,156,022	1,842,605	1,458,579	1,338,735
332,248,668	356,404,694	380,863,033	408,172,397	440,504,973	466,142,394
92,400,155	96,501,461	101,145,958	105,895,961	110,647,680	116,735,092
5,442,451	6,626,453	7,740,863	9,073,286	11,099,516	11,969,393
258,763,652	278,077,894	300,558,283	323,795,867	345,444,966	355,282,175
9,280,998	11,281,074	13,901,342	17,897,107	22,754,217	27,350,519
365,887,256	392,486,882	423,346,446	456,662,221	489,946,379	511,337,179
802,395,530	861,270,283	924,647,558	994,362,633	1,067,514,191	1,140,105,341
230,166,226	247,890,291	272,214,069	292,499,953	316,856,666	355,980,197
5,324,613	6,108,283	7,176,496	8,640,589	9,690,237	10,952,677
235,490,839	253,998,574	279,390,565	301,140,542	326,546,903	366,932,874
152,433,112	167,184,292	184,480,710	201,058,552	220,454,314	252,555,717
572,079	564,536	571,767	612,063	708,788	749,020
21,989,333	23,527,954	21,920,862	23,123,145	25,552,916	28,713,279
19,550,879	20,367,906	21,816,697	23,762,160	26,050,076	29,316,059
9,135,950	9,678,755	10,222,785	11,045,582	12,131,296	13,359,494
12,557,510	13,486,318	17,744,672	19,352,182	21,137,680	22,018,755
76,738	26,460	78,450	92,300	57,309	67,422
216,315,601	234,836,221	256,835,943	279,045,984	306,092,379	346,779,746
19,175,238	19,162,353	22,554,622	22,094,558	20,454,524	20,153,128
1,497,857	1,552,238	1,595,343	1,630,255	1,673,104	1,709,111

Municipal Electrical Utilities Financial

Municipality	Acton	Ailsa Craig	Ajax	Alexandria	Alfred	Alliston
Population	4,604	558	10,331	2,953	1,110	3,214
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	662,280	66,506	1,487,484	486,266	107,181	425,558
Less accumulated depreciation	143,116	7,247	481,960	145,150	39,402	124,271
Net fixed assets	519,164	59,259	1,005,524	341,116	67,779	301,287
CURRENT ASSETS						
Cash on hand and in bank	39,350	14,831	92,499	8,847	16,778	2,063
Investments—short term	50,000	—	—	—	7,000	15,000
—long term	3,000	—	850	3,000	—	13,000
Accounts receivable (net)	16,075	159	31,117	5,161	926	9,458
Other	—	110	2,526	160	762	—
Total current assets	108,425	15,100	126,992	17,168	25,466	39,521
OTHER ASSETS						
Inventories	1,517	—	32,508	22,068	—	5,741
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	—	5,054	4,291	519	—
Total other assets	1,517	—	37,562	26,359	519	5,741
Equity in Ontario Hydro	611,788	65,832	386,148	261,588	33,810	268,388
Total	1,240,894	140,191	1,556,226	646,231	127,574	614,937
LIABILITIES						
Debentures outstanding	35,200	—	383,916	48,700	16,500	—
Current liabilities	40,102	4,263	84,861	24,225	6,413	21,404
Other liabilities	6,607	292	51,557	14,326	706	6,005
Total liabilities	81,909	4,555	520,334	87,251	23,619	27,409
RESERVES						
Equity in Ontario Hydro	611,788	65,832	386,148	261,588	33,810	268,388
Other Reserves	—	—	—	—	—	—
Total reserves	611,788	65,832	386,148	261,588	33,810	268,388
CAPITAL						
Debentures redeemed	48,739	6,884	193,964	54,377	21,500	29,990
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	479,089	62,920	383,154	239,508	46,942	287,150
Contributed capital	19,369	—	72,626	3,507	1,703	2,000
Total capital	547,197	69,804	649,744	297,392	70,145	319,140
Total	1,240,894	140,191	1,556,226	646,231	127,574	614,937
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	352,520	25,994	724,746	216,503	59,346	237,349
Miscellaneous	9,397	408	17,413	10,919	862	8,136
Total revenue	361,917	26,402	742,159	227,422	60,208	245,485
EXPENSE						
Power purchased	250,968	18,559	500,387	165,721	43,041	172,083
Local generation	—	—	—	—	—	—
Operation and maintenance	33,303	786	38,147	16,576	1,578	21,716
Administration	24,159	2,036	60,107	19,119	5,359	25,241
Financial	5,945	—	49,435	4,551	2,807	—
Depreciation	16,664	1,763	45,386	15,524	3,623	9,878
Other	—	—	—	—	—	—
Total expense	331,039	23,144	693,462	221,491	56,408	228,918
Net income net expense	30,878	3,258	48,697	5,931	3,800	16,567
Number of customers	1,551	237	3,036	1,122	368	1,212

Statements for the Year Ended December 31, 1968

Almonte	Alvinston	Amherst- burg	Ancaster Twp.	Apple Hill	Arkona	Arnprior	Arthur	Athens
3,518	637	4,616	15,183	325	419	5,728	1,271	1,021
579,359 155,992	92,393 34,609	682,433 184,315	350,204 102,273	31,553 11,616	59,104 21,961	722,455 186,534	190,281 48,450	94,109 25,067
423,367	57,784	498,118	247,931	19,937	37,143	535,921	141,831	69,042
32,771	4,438	21,221	1,264	8,205	8,357	27,724	14,963	333
---	---	---	100,000	---	10,582	12,000	---	---
13,000	5,000	18,000	---	---	6,000	---	10,000	7,640
2,222	554	7,165	3,572	16	2,037	4,414	1,203	2,595
---	576	---	256	105	239	---	---	---
47,993	10,568	46,386	105,092	8,326	27,215	44,138	26,166	10,568
2,247	44	17,136	719	---	---	6,249	130	---
---	---	---	---	---	---	---	---	---
---	---	---	5,686	---	---	---	1,229	4,083
2,247	44	17,136	6,405	---	---	6,249	1,359	4,083
144,913	68,451	492,015	235,822	19,188	50,816	446,901	117,757	61,175
618,520	136,847	1,053,655	595,250	47,451	115,174	1,033,209	287,113	144,868
---	---	---	30,300	---	---	30,843	32,800	---
11,792	3,109	22,326	15,776	714	1,405	40,442	8,137	9,969
2,508	165	3,854	2,980	114	18	7,653	864	433
14,300	3,274	26,180	49,056	828	1,423	78,938	41,801	10,402
144,913	68,451	492,015	235,822	19,188	50,816	446,901	117,757	61,175
---	---	---	---	---	---	942	---	---
144,913	68,451	492,015	235,822	19,188	50,816	447,843	117,757	61,175
72,000	23,530	68,237	97,946	5,080	13,113	114,401	26,114	12,988
---	---	---	---	---	---	---	---	---
385,696	40,431	459,893	210,493	22,355	49,822	367,254	101,441	58,989
1,611	1,161	7,330	1,933	---	---	24,773	---	1,314
459,307	65,122	535,460	310,372	27,435	62,935	506,428	127,555	73,291
618,520	136,847	1,053,655	595,250	47,451	115,174	1,033,209	287,113	144,868
---	---	---	---	---	---	---	---	---
180,659	25,538	339,795	194,980	9,814	20,302	405,526	70,957	41,817
1,618	458	6,461	7,385	385	1,040	15,691	924	660
182,277	25,996	346,256	202,365	10,199	21,342	421,217	71,881	42,477
---	---	---	---	---	---	---	---	---
110,590	14,925	242,800	132,634	6,861	14,558	338,572	47,254	32,436
15,377	---	---	---	---	---	---	---	---
10,281	4,516	25,611	16,434	462	1,218	24,373	7,896	3,620
26,348	4,841	36,864	18,240	1,367	1,514	26,664	6,667	3,215
---	---	---	5,479	---	---	5,290	1,012	---
14,914	3,191	16,515	10,343	1,108	1,987	27,854	5,422	2,790
---	---	---	---	---	---	---	---	---
177,510	27,473	321,790	183,130	9,798	19,277	422,753	68,251	42,061
4,767	1,477	24,466	19,235	401	2,065	1,536	3,630	416
---	---	---	---	---	---	---	---	---
1,213	341	1,577	1,169	120	203	1,961	557	389

Municipal Electrical Utilities Financial

Municipality	Atikokan	Aurora	Avonmore	Aylmer	Ayr	Baden
Population	6,178	10,662	229	4,452	1,178	946
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	650,717	1,208,415	30,761	537,791	130,482	111,769
Less accumulated depreciation	246,254	274,155	13,681	197,188	27,572	35,430
Net fixed assets	404,463	934,260	17,080	340,603	102,910	76,339
CURRENT ASSETS						
Cash on hand and in bank	13,139	300	9,982	44,102	3,047	20,647
Investments—short term	70,000	50,000	—	—	—	—
—long term	—	34,000	—	—	—	—
Accounts receivable (net)	16,270	13,743	1,295	7,770	488	276
Other	20,000	—	—	—	—	53
Total current assets	119,409	98,043	11,277	51,872	3,535	20,976
OTHER ASSETS						
Inventories	10,888	652	—	1,126	80	215
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	13,062	4,821	527	517	—	—
Total other assets	23,950	5,473	527	1,643	80	215
Equity in Ontario Hydro	309,053	452,048	11,716	482,395	108,332	153,113
Total	856,875	1,489,824	40,600	876,513	214,857	250,643
LIABILITIES						
Debentures outstanding	207,000	168,000	9,500	14,000	—	—
Current liabilities	39,460	76,444	1,160	27,481	5,302	4,664
Other liabilities	24,655	7,084	—	3,090	808	306
Total liabilities	271,115	251,528	10,660	44,571	6,110	4,970
RESERVES						
Equity in Ontario Hydro	309,053	452,048	11,716	482,395	108,332	153,113
Other reserves	—	—	—	—	—	—
Total reserves	309,053	452,048	11,716	482,395	108,332	153,113
CAPITAL						
Debentures redeemed	193,000	54,911	4,500	74,702	17,503	5,000
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	64,883	680,473	13,724	274,845	82,352	87,560
Contributed capital	18,824	50,864	—	—	560	—
Total capital	276,707	786,248	18,224	349,547	100,415	92,560
Total	856,875	1,489,824	40,600	876,513	214,857	250,643
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	313,020	530,464	14,527	301,205	70,177	58,769
Miscellaneous	15,782	32,421	299	2,308	979	474
Total revenue	328,802	562,885	14,826	303,513	71,156	59,243
EXPENSE						
Power purchased	178,322	407,712	8,329	238,448	51,167	44,171
Local generation	—	—	—	—	—	—
Operation and maintenance	34,014	31,872	682	17,133	5,675	2,737
Administration	51,673	43,445	1,523	20,402	7,675	6,485
Financial	35,211	19,619	1,039	5,035	—	—
Depreciation	25,436	31,232	1,094	15,187	3,823	3,737
Other	—	—	—	—	—	—
Total expense	324,656	533,880	12,667	296,205	68,340	57,130
Net income net expense	4,146	29,005	2,159	7,308	2,816	2,113
Number of customers	1,813	3,130	115	1,681	437	306

Statements for the Year Ended December 31, 1968

Bancroft	Barrie	Barry's Bay	Bath	Beachburg	Beachville	Beamsville	Beaverton	Beeton
2,220	25,481	1,451	752	559	982	4047	1,207	998
457,075 148,948	3,296,978 1,110,008	131,330 28,543	102,393 27,943	74,256 31,100	151,500 56,385	403,679 122,591	208,693 51,262	96,571 22,691
308,127	2,186,970	102,787	74,450	43,156	95,115	281,088	157,431	73,880
9,234 15,000 —	175 — —	829 — —	8,476 15,000 —	11,503 — 8,000	11,560 — 65,588	17,825 — —	4,764 — 10,000	12,766 — 10,000
11,198 272	60,131 1,258	905 800	1,304 450	327 —	1,532 —	1,622 —	1,809 970	854 —
35,704	61,564	2,534	25,230	19,830	78,680	19,447	17,543	23,620
594 —	64,768 —	— —	— —	— —	— —	— —	125 —	286 —
1,741	9,588	—	450	1,465	—	—	5,105	—
2,335 97,225	74,356 1,881,678	— 35,922	450 36,179	1,465 23,670	— 293,486	— 181,018	5,230 148,513	286 86,643
443,391	4,204,568	141,243	136,309	88,121	467,281	481,553	328,717	184,429
28,000 9,161 2,643	263,000 107,938 27,717	— 9,630 369	4,000 3,118 786	37,900 1,926 135	— 12,024 720	— 15,810 3,532	— 7,491 1,170	— 3,536 966
39,804	398,655	9,999	7,904	39,961	12,744	19,342	8,661	4,502
97,225 —	1,881,678 —	35,922 —	36,179 —	23,670 —	293,486 —	181,018 —	148,513 —	86,643 —
97,225	1,881,678	35,922	36,179	23,670	293,486	181,018	148,513	86,643
104,500 —	88,366 —	7,500 —	13,500 —	14,100 —	5,537 —	37,500 —	12,839 —	13,610 —
192,477 9,385	1,815,094 20,775	85,158 2,664	66,304 12,422	10,390 —	153,904 1,610	243,646 47	158,704 —	79,674 —
306,362	1,924,235	95,322	92,226	24,490	161,051	281,193	171,543	93,284
443,391	4,204,568	141,243	136,309	88,121	467,281	481,553	328,717	184,429
126,271 6,746	1,723,579 47,470	55,255 305	33,327 985	30,751 522	119,806 5,668	193,129 6,249	94,033 2,066	39,421 2,100
133,017	1,771,049	55,560	34,312	31,273	125,474	199,378	96,099	41,521
78,346 5,248 8,672 14,360 6,826 16,334 —	1,272,313 — 138,060 124,895 —19,745 119,984 —	43,789 — 2,888 6,422 — 3,776 —	23,865 — 1,572 3,434 747 3,182 —	18,971 — 766 2,174 4,553 2,487 —	114,681 — 3,037 4,785 — 5,715 —	130,223 — 13,946 13,321 780 14,529 —	64,458 — 6,742 7,813 — 6,888 —	29,310 — 2,013 2,714 — 3,346 —
129,786	1,674,997	56,875	32,800	28,951	128,218	172,799	85,901	37,383
3,231	96,052	1,315	1,512	2,322	2,744	26,579	10,198	4,138
815	8,881	473	279	224	338	1,395	645	354

Municipal Electrical Utilities Financial

Municipality	Belle River 2,549	Belleville 32,908	Belmont 750	Blenheim 3,301	Bloomfield 714	Blyth 779
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	230,409	4,532,845	95,312	445,710	72,331	109,979
Less accumulated depreciation	39,257	1,159,413	30,335	127,310	32,653	35,461
Net fixed assets	191,152	3,373,432	64,977	318,400	39,678	74,518
CURRENT ASSETS						
Cash on hand and in bank	2,286	—	9,292	12,520	12,406	2,260
Investments—short term	—	325,000	10,000	25,000	3,500	7,000
—long term	7,000	—	9,650	—	3,992	2,591
Accounts receivable (net)	1,257	73,121	1,270	6,964	2,106	480
Other	—	—	555	—	—	—
Total current assets	10,543	398,121	30,767	44,484	22,004	12,331
OTHER ASSETS						
Inventories	1,463	71,489	—	3,333	—	14
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	11,664	4,758	501	—	—
Total other assets	1,463	83,153	4,758	3,834	—	14
Equity in Ontario Hydro	106,439	2,450,529	35,182	247,521	62,720	94,470
Total	309,597	6,305,235	135,684	614,239	124,402	181,333
LIABILITIES						
Debentures outstanding	—	719,000	46,500	7,488	—	—
Current liabilities	21,648	265,041	9,288	14,159	2,458	4,710
Other liabilities	1,275	49,599	508	3,775	544	189
Total liabilities	22,923	1,033,640	56,296	25,422	3,002	4,899
RESERVES						
Equity in Ontario Hydro	106,439	2,450,529	35,182	247,521	62,720	94,470
Other reserves	—	—	—	—	—	—
Total reserves	106,439	2,450,529	35,182	247,521	62,720	94,470
CAPITAL						
Debentures redeemed	19,555	310,997	7,099	91,692	9,797	16,033
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	158,530	2,451,279	35,286	249,604	48,883	65,931
Contributed capital	2,150	58,790	1,821	—	—	—
Total capital	180,235	2,821,066	44,206	341,296	58,680	81,964
Total	309,597	6,305,235	135,684	614,239	124,402	181,333
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	112,103	1,894,703	75,182	177,684	35,545	54,359
Miscellaneous	1,631	108,040	3,596	2,633	608	1,286
Total revenue	113,734	2,002,743	78,778	180,317	36,153	55,645
EXPENSE						
Power purchased	69,383	1,282,459	58,673	111,036	25,104	43,146
Local generation	—	—	—	—	—	—
Operation and maintenance	10,553	144,126	4,420	12,514	3,415	5,557
Administration	14,209	186,570	4,553	25,954	3,730	3,045
Financial	205	71,755	4,750	3,785	—	—
Depreciation	5,972	138,359	4,023	12,805	2,511	4,073
Other	—	—	—	—	—	—
Total expense	100,322	1,823,269	76,419	166,094	34,760	55,821
Net income <i>net expense</i>	13,412	179,474	2,359	14,223	1,393	176
Number of customers	904	11,496	256	1,282	294	353

Statements for the Year Ended December 31, 1968

Bobcaygeon	Bolton	Bothwell	Bowman- ville	Bracebridge	Bradford	Braeside	Brampton	Brantford
1,244	2,390	860	8,442	3,260	2,771	490	37,324	60,140
283,341 100,349	232,912 70,346	111,174 40,749	1,022,796 428,506	1,061,429 321,406	404,848 120,229	54,531 11,269	6,046,977 1,186,788	7,666,504 2,214,107
182,992	162,566	70,425	594,290	740,023	284,619	43,262	4,860,189	5,452,397
6,422	5,882	9,715	19,781	—	7,099	7,058	59,408	28,217
—	—	—	40,000	—	—	—	—	100,000
—	—	—	59,530	19,625	—	15,000	—	—
2,959	4,907	1,360	16,154	14,720	12,390	1,266	668,825	155,637
500	29	—	1,001	—	1,410	—	162	7,407
9,881	10,818	11,075	136,466	34,345	20,899	23,324	728,395	291,261
4,346	—	530	21,544	4,163	14,461	—	223,446	138,410
—	—	—	—	—	—	—	—	—
4,390	14,200	—	14,181	13,470	10,655	4,134	34,473	2,750
8,736	14,200	530	35,725	17,633	25,116	4,134	257,919	141,160
71,085	134,759	76,190	859,983	20,991	203,566	89,435	1,717,701	6,857,092
272,694	322,343	158,220	1,626,464	812,992	534,200	160,155	7,564,204	12,741,910
63,900	42,916	—	—	99,099	—	—	2,298,280	428,493
13,667	14,024	4,331	48,131	15,001	15,538	8,211	952,615	280,820
549	4,148	88	19,387	—	3,148	135	360,165	111,408
78,116	61,088	4,419	67,518	114,100	18,686	8,346	3,611,060	820,721
71,085	134,759	76,190	859,983	20,991	203,566	89,435	1,717,701	6,857,092
—	—	—	—	—	—	—	—	—
71,085	134,759	76,190	859,983	20,991	203,566	89,435	1,717,701	6,857,092
25,100	38,491	5,534	71,000	406,701	23,351	6,000	584,886	1,266,189
—	—	—	—	—	—	—	—	—
98,393	86,876	71,927	627,963	271,200	288,597	56,374	1,561,198	3,602,851
—	1,129	150	—	—	—	—	89,359	195,057
123,493	126,496	77,611	698,963	677,901	311,948	62,374	2,235,443	5,064,097
272,694	322,343	158,220	1,626,464	812,992	534,200	160,155	7,564,204	12,741,910
106,777	121,849	41,740	504,374	205,892	160,881	80,830	2,426,008	3,660,152
2,433	3,123	2,134	24,300	7,937	5,735	2,049	4,912	64,347
109,210	124,972	43,874	528,674	213,829	166,616	82,879	2,430,920	3,724,499
65,178	84,977	26,119	418,690	53,604	108,100	82,826	1,663,984	2,750,234
—	—	—	—	47,873	—	—	—	—
9,307	6,184	3,452	27,105	25,941	16,159	1,064	101,753	250,665
12,969	17,859	6,184	32,781	22,907	18,733	1,973	127,524	210,237
8,346	5,533	—	—	19,397	—	—	270,645	77,536
10,293	8,260	3,970	39,183	28,248	12,925	1,902	179,678	222,057
—	—	—	—	—	—	—	—	—
106,093	122,813	39,725	517,759	197,970	155,917	87,765	2,343,584	3,510,729
3,117	2,159	4,149	10,915	15,859	10,699	4,886	87,336	213,770
837	731	356	2,831	1,386	988	161	9,302	20,332

Municipal Electrical Utilities Financial

Municipality	Brantford Twp. 9,214	Brechin 236	Bridgeport 2,236	Brigden 524	Brighton 2,729	Brockville 19,830
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	1,653,497	24,009	169,232	69,854	312,374	3,011,520
Less accumulated depreciation	497,526	7,888	44,391	21,143	67,404	772,871
Net fixed assets	1,155,971	16,121	124,841	48,711	244,970	2,238,649
CURRENT ASSETS						
Cash on hand and in bank	62,999	4,143	9,907	4,906	4,644	52,581
Investments—short term	—	—	—	—	—	—
—long term	—	10,500	—	11,887	—	12,000
Accounts receivable (net)	10,123	105	8,431	939	4,236	36,313
Other	—	—	—	20	178	—
Total current assets	73,122	14,748	18,338	17,752	9,058	100,894
OTHER ASSETS						
Inventories	29,080	—	399	30	12,711	62,876
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	—	102	20	1,980	3,844
Total other assets	29,080	—	501	50	14,691	66,720
Equity in Ontario Hydro	535,634	26,571	100,763	52,723	178,778	1,876,890
Total	1,793,807	57,440	244,443	120,236	447,497	4,283,153
LIABILITIES						
Debentures outstanding	280,587	—	14,756	—	27,500	572,500
Current liabilities	69,806	692	19,590	1,433	12,345	140,017
Other liabilities	6,246	217	1,943	222	3,139	1,555
Total liabilities	356,639	909	36,289	1,655	42,984	714,072
RESERVES						
Equity in Ontario Hydro	535,634	26,571	100,763	53,723	178,778	1,876,890
Other reserves	—	—	—	—	—	—
Total reserves	535,634	26,571	100,763	53,723	178,778	1,876,890
CAPITAL						
Debentures redeemed	274,771	2,664	24,893	8,000	37,500	433,070
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	591,520	27,296	77,330	56,858	185,823	1,221,791
Contributed capital	35,243	—	5,168	—	2,412	37,330
Total capital	901,534	29,960	107,391	64,858	225,735	1,692,191
Total	1,793,807	57,440	244,443	120,236	447,497	4,283,153
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	699,768	9,632	112,406	21,743	137,953	1,366,345
Miscellaneous	11,406	501	363	981	3,217	53,670
Total revenue	711,174	10,133	112,769	22,724	141,170	1,420,015
EXPENSE						
Power purchased	487,053	7,034	73,751	13,435	98,798	961,584
Local generation	—	—	—	—	—	—
Operation and maintenance	78,857	560	9,007	1,282	10,396	109,778
Administration	37,429	1,364	14,199	2,111	13,597	118,884
Financial	42,840	—	2,586	—	3,452	87,607
Depreciation	52,730	783	4,912	2,181	8,482	96,709
Other	—	—	—	—	—	—
Total expense	698,909	9,741	104,455	19,009	134,725	1,374,562
Net income <i>net expense</i>	12,265	392	8,314	3,715	6,445	45,453
Number of customers	2,824	103	600	213	1,120	6,952

Statements for the Year Ended December 31, 1968

Brussels 836	Burford 1,126	Burgessville 298	Burk's Falls 818	Burlington 75,930	Cache Bay 658	Caledonia 2,944	Campbell- ford 3,505	Campbell- ville 258
118,308 17,377	144,986 51,262	42,007 13,003	101,728 27,225	9,048,179 1,828,985	63,589 26,361	254,137 79,843	909,560 252,461	27,387 8,523
100,931	93,724	29,004	74,503	7,219,194	37,228	174,294	657,099	18,864
13,621 — — 1,490 —	3,988 — 3,500 1,268 —	7,557 — 1,500 126 36	11,105 — 11,690 2,012 457	123,023 100,000 35,000 226,899 18,088	4,198 12,000 14,000 2,495 —	24,074 — — 2,716 —	— 35,000 — 8,076 471	7,387 — 2,466 729 —
15,111 173 — —	8,756 71 — —	9,219 — — —	25,264 14 — —	503,010 159,316 — 68,172	32,693 769 — 1,859	26,790 559 — —	43,547 17,280 — 2,431	10,582 — — —
173 103,281	71 108,192	— 32,436	14 52,891	227,488 2,249,991	2,628 32,209	559 158,240	19,711 44,791	— 24,049
219,496	210,743	70,659	152,672	10,199,683	104,758	359,883	765,148	53,495
— 6,041 328	5,155 9,729 2,167	— 3,351 270	— 5,625 183	2,244,500 401,212 250,815	— 180 176	— 7,552 1,651	111,700 20,103 3,112	— 1,845 —
6,369 103,281 —	17,051 108,192 —	3,621 32,436 —	5,808 52,891 —	2,896,527 2,249,991 —	356 32,209 —	9,203 158,240 —	134,915 44,791 —	1,845 24,049 —
103,281 28,000 — 81,846 —	108,192 15,699 — 69,801 —	32,436 3,500 — 31,102 —	52,891 29,147 — 64,826 —	2,249,991 959,575 — 3,645,900 447,690	32,209 25,359 — 46,834 —	158,240 15,525 — 176,915 —	44,791 40,800 — 543,713 929	24,049 5,448 — 22,153 —
109,846	85,500	34,602	93,973	5,053,165	72,193	192,440	585,442	27,601
219,496	210,743	70,659	152,672	10,199,683	104,758	359,883	765,148	53,495
50,806 583	66,582 3,539	17,162 594	57,176 852	4,265,143 124,407	15,806 1,767	109,157 2,145	163,656 11,300	12,447 670
51,389	70,121	17,756	58,028	4,389,550	17,573	111,302	174,956	13,117
33,711 3,904 4,233 440 3,449 —	45,444 8,958 7,516 1,216 5,847 —	12,510 1,618 1,033 — 1,535 —	41,257 — 4,064 6,114 — 2,826 —	2,999,967 — 239,024 251,084 256,435 258,106 —	9,192 — 1,630 3,857 — 2,304 —	69,698 — 10,318 12,966 — 8,420 —	78,642 14,012 16,547 31,779 12,844 22,043 —	8,446 — 1,813 1,020 — 1,092 —
45,737	68,981	16,696	54,261	4,004,616	16,983	101,402	175,867	12,371
5,652	1,140	1,060	3,767	384,934	590	9,900	911	746
394	463	109	360	20,185	189	983	1,401	91

Municipal Electrical Utilities Financial

Municipality	Cannington	Capreol	Cardinal	Carleton Place 4,938	Casselman	Cayuga
Population	1,031	3,151	1,907	4,938	1,271	1,039
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	123,786	357,781	105,544	503,034	134,430	139,637
Less accumulated depreciation	40,008	70,659	32,651	119,340	33,355	45,623
Net fixed assets	83,778	287,122	72,893	383,694	101,075	94,014
CURRENT ASSETS						
Cash on hand and in bank	15,036	20,716	750	30,969	1,707	12,441
Investments—short term	—	—	—	—	18,000	10,000
—long term	8,500	—	1,500	15,000	8,000	6,000
Accounts receivable (net)	1,541	793	1,734	4,004	1,066	1,182
Other	—	610	—	—	—	—
Total current assets	25,077	22,119	3,984	49,973	28,773	29,623
OTHER ASSETS						
Inventories	—	—	—	14,670	—	538
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	2,108	6,881	5,334	248	9,534	—
Total other assets	2,108	6,881	5,334	14,918	9,534	538
Equity in Ontario Hydro	98,486	156,448	111,313	580,180	52,431	75,454
Total	209,449	472,570	193,524	1,028,765	191,813	199,629
LIABILITIES						
Debentures outstanding	—	49,800	—	31,350	19,000	—
Current liabilities	4,819	13,967	4,237	19,317	7,261	6,637
Other liabilities	735	7,125	837	5,688	67	686
Total liabilities	5,554	70,892	5,074	56,355	26,328	7,323
RESERVES						
Equity in Ontario Hydro	98,486	156,448	111,313	580,180	52,431	75,454
Other reserves	—	—	—	—	—	—
Total reserves	98,486	156,448	111,313	580,180	52,431	75,454
CAPITAL						
Debentures redeemed	14,532	72,200	11,014	76,947	51,000	20,000
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	90,877	170,414	66,123	293,784	61,654	96,852
Contributed capital	—	2,616	—	21,499	400	—
Total capital	105,409	245,230	77,137	392,230	113,054	116,852
Total	209,449	472,570	193,524	1,028,765	191,813	199,629
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	47,135	164,053	57,215	278,495	58,095	54,568
Miscellaneous	1,723	734	1,239	2,853	2,886	2,683
Total revenue	48,858	164,787	58,454	281,348	60,981	57,251
EXPENSE						
Power purchased	38,597	102,906	43,896	181,181	43,327	32,273
Local generation	—	—	—	—	—	—
Operation and maintenance	1,663	12,309	4,760	34,734	1,514	5,145
Administration	4,617	20,109	5,585	34,646	7,489	7,644
Financial	—	8,474	—	5,764	5,609	—
Depreciation	4,377	9,370	3,166	13,999	3,605	4,507
Other	—	—	—	—	—	—
Total expense	49,254	153,168	57,407	270,324	61,544	49,569
Net income net expense	396	11,619	1,047	11,024	563	7,682
Number of customers	470	1075	686	1,862	416	417

Statements for the Year Ended December 31, 1968

Chalk River 1,043	Chapleau Twp. 3,658	Chatham 31,938	Chatsworth 383	Chesley 1,671	Chesterville 1,269	Chippawa 4,219	Clifford 532	Clinton 3,318
90,945 32,898	246,731 13,867	4,540,474 1,301,106	38,574 12,744	175,407 76,213	119,665 36,173	339,870 89,802	67,405 21,180	460,877 144,684
58,047	232,864	3,239,368	25,830	99,194	83,492	250,068	46,225	316,193
7,198	48,857	79,314	8,508	11,070	16,907	3,195	11,651	42,539
---	---	375,000	---	---	---	10,000	10,000	---
---	20,000	100,000	13,874	11,000	6,000	---	3,000	---
251	4,066	251,009	932	7,463	6,250	12,496	88	3,595
---	2,816	5,589	400	---	917	---	---	---
7,449	75,739	810,912	23,714	29,533	30,074	25,691	24,739	46,134
---	---	165,316	---	791	---	1,993	---	6,294
---	---	---	---	---	---	---	---	---
2,633	11,189	38,274	---	985	5,438	528	---	---
2,633 33,665	11,189 46,634	203,590 2,937,693	---	1,776 223,040	5,438 181,986	2,521 150,436	---	6,294 329,195
101,794	366,426	7,191,563	89,179	353,543	300,990	428,716	130,825	697,816
29,500 3,429 ---	53,000 24,366 11,207	185,138 198,125 ---	---	---	---	37,800 12,236 3,026	3,002 3,143 ---	21,000 20,537 5,231
32,929	88,573	383,263	1,762	10,004	1,129	53,062	6,145	46,768
33,665 ---	46,634 ---	2,937,693 ---	39,635 ---	223,040 ---	181,986 ---	150,436 ---	59,861 ---	329,195 ---
33,665	46,634	2,937,693	39,635	223,040	181,986	150,436	59,861	329,195
25,500 ---	62,000 ---	1,332,170 ---	5,014 ---	24,410 ---	5889 ---	40,550 ---	11,927 ---	100,673 ---
9,700 ---	161,040 8,179	2,538,437 ---	42,768 ---	96,089 ---	111,986 ---	170,283 14,385	52,892 ---	221,180 ---
35,200	231,219	3,870,607	47,782	120,499	117,875	225,218	64,819	321,853
101,794	366,426	7,191,563	89,179	353,543	300,990	428,716	130,825	697,816
40,739 374	174,688 4,326	2,665,484 60,460	19,332 1,244	85,669 2,527	92,031 1,452	145,728 1,113	28,837 1,579	182,823 7,934
41,113	179,014	2,725,944	20,576	88,196	93,483	146,841	30,416	190,757
24,749 ---	87,965 ---	1,587,987 ---	14,157 ---	64,197 ---	77,475 ---	94,233 ---	20,545 ---	119,456 ---
1,450	25,933	472,032	3,139	9,025	2,131	26,832	2,224	17,597
2,548	30,793	257,923	2,523	12,480	8,422	11,088	1,965	34,589
4,787	10,554	73,927	---	---	---	6,613	568	4,552
2,940	5,624	109,660	1,414	4,880	4,096	9,564	2,434	14,015
---	---	---	---	---	---	---	---	---
36,474	160,869	2,501,529	21,233	90,582	92,124	148,330	27,736	190,209
4,639	18,145	224,415	657	2,386	1,359	1,489	2,680	548
281	1,054	10,894	199	800	493	1,292	247	1,325

Municipal Electrical Utilities Financial

Municipality	Cobden	Cobourg	Cochrane	Colborne	Coldwater	Collingwood
Population	850	10,662	4480	1,499	759	8,513
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	97,639	1,477,242	629,638	195,337	78,240	1,289,156
Less accumulated depreciation	26,605	541,982	143,404	31,308	17,726	267,186
Net fixed assets	71,034	935,260	486,234	164,029	60,514	1,021,970
CURRENT ASSETS						
Cash on hand and in bank	13,136	57,082	—	3,302	4,532	14,989
Investments—short term	—	25,000	—	—	—	—
—long term	6,000	5,000	—	—	22,500	9,624
Accounts receivable (net)	6,975	21,842	8,242	8,941	3,155	9,084
Other	—	—	1,769	132	—	438
Total current assets	26,111	108,924	10,011	12,375	30,187	34,135
OTHER ASSETS						
Inventories	—	21,510	23,670	17,308	—	24,560
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	179	1,508	17,230	—	—	195
Total other assets	179	23,018	40,900	17,308	—	24,755
Equity in Ontario Hydro	61,364	1,040,048	156,675	103,064	84,214	914,431
Total	158,688	2,107,250	693,820	296,776	174,915	1,995,291
LIABILITIES						
Debentures outstanding	—	—	35,000	—	—	66,000
Current liabilities	10,832	69,147	24,240	9,286	13,681	73,652
Other liabilities	594	13,903	22,091	2,047	432	181,929
Total liabilities	11,426	83,050	81,331	11,333	14,113	321,581
RESERVES						
Equity in Ontario Hydro	61,364	1,040,048	156,675	103,064	84,214	914,431
Other reserves	—	—	—	—	—	—
Total reserves	61,364	1,040,048	156,675	103,064	84,214	914,431
CAPITAL						
Debentures redeemed	4,949	105,993	110,000	12,195	6,868	42,183
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	74,768	867,874	345,814	169,584	69,720	707,172
Contributed capital	6,181	10,285	—	600	—	9,924
Total capital	85,898	984,152	455,814	182,379	76,588	759,279
Total	158,688	2,107,250	693,820	296,776	174,915	1,995,291
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	41,002	865,301	261,483	98,503	48,882	699,885
Miscellaneous	752	30,967	11,045	2,954	1,061	12,459
Total revenue	41,754	896,268	272,528	101,457	49,943	712,344
EXPENSE						
Power purchased	29,702	685,242	156,552	64,407	38,873	543,880
Local generation	—	—	—	—	—	—
Operation and maintenance	1,634	43,898	39,547	7,179	4,507	46,875
Administration	3,998	59,830	47,064	11,344	3,469	47,687
Financial	—	—	9,890	—	—	18,550
Depreciation	2,922	58,520	17,706	4,353	2,266	32,312
Other	—	—	—	—	—	—
Total expense	38,256	847,490	270,759	87,283	49,115	689,304
Net income net expense	3,498	48,778	1,769	14,174	828	23,040
Number of customers	402	3,535	1,418	651	329	3,483

Statements for the Year Ended December 31, 1968

Comber	Coniston	Cookstown	Cottam	Courtright	Creemore	Dashwood	Deep River	Delaware
579	2,732	715	656	666	928	435	5,637	437
88,618 31,412	173,369 34,838	69,653 22,605	72,128 25,800	54,820 11,055	98,887 21,319	45,077 7,926	804,993 247,961	41,397 17,450
57,206	138,531	47,048	46,328	43,765	77,568	37,151	557,032	23,947
16,786 — — 367 91	2,884 — — 553 222	10,763 — 6,007 1,600 —	5,503 — 11,000 354 —	11,452 — — 736 128	9,393 — 5,000 707 —	29,964 — — 570 —	16,822 — 60,000 9,387 —	7,522 13,600 — 109 —
17,244 — 91	3,659 1,488 24,577	18,370 — — —	16,857 — — 629	12,316 25 — —	15,100 171 — —	30,534 — — 6,687	86,209 10,939 — 8,657	21,231 — — —
91 73,876	26,065 49,217	— 48,980	629 40,430	25 34,374	171 76,097	6,687 53,106	19,596 182,492	— 32,303
148,417	217,472	114,398	104,244	90,480	168,936	127,478	845,329	77,481
— 2,662 162	25,500 9,802 9,464	— 4,059 771	— 3,156 —	— 3,767 643	— 3,730 660	— 2,969 —	146,656 35,477 1,323	— 1,406 184
2,824 73,876 —	44,766 49,217 —	4,830 48,980 —	3,156 40,430 —	4,410 34,374 —	4,390 76,097 —	2,969 53,106 —	183,456 182,492 —	1,590 32,303 —
73,876 12,489 — 59,228 —	49,217 24,500 — 94,989 4,000	48,980 12,001 — 48,587 —	40,430 13,893 — 46,765 —	34,374 8,138 — 40,274 3,284	76,097 2,824 — 85,625 —	53,106 3,400 — 68,003 —	182,492 84,344 — 128,038 266,999	32,303 4,000 — 39,230 358
71,717	123,489	60,588	60,658	51,696	88,449	71,403	479,381	43,588
148,417	217,472	114,398	104,244	90,480	168,936	127,478	845,329	77,481
29,252 1,086	88,142 449	30,455 647	25,490 1,376	25,561 187	39,507 1,383	32,505 898	306,632 12,605	20,977 1,709
30,338	88,591	31,102	26,866	25,748	40,890	33,403	319,237	22,686
16,911 — 3,716 6,480 — 3,078 —	63,783 — 4,050 9,616 3,798 4,389 —	24,357 — 2,246 1,428 — 2,301 —	15,797 — 2,756 4,241 — 2,700 —	13,661 — 1,832 3,492 — 1,570 —	29,178 — 2,826 3,264 — 3,272 —	20,306 — 1,216 2,475 — 1,234 —	211,210 — 20,432 28,115 18,681 23,939 —	13,799 — 2,239 1,804 — 1,798 —
30,185	85,636	30,332	25,494	20,555	38,540	25,231	302,377	19,640
153	2,955	770	1,372	5,193	2,350	8,172	16,860	3,046
245	724	283	264	234	376	194	1,510	154

Municipal Electrical Utilities Financial

Municipality	Delhi	Deseronto	Dorchester	Drayton	Dresden	Drumbo
Population	3,696	1,800	1,145	686	2,417	447
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	537,321	180,029	96,472	105,301	350,065	40,257
Less accumulated depreciation	156,549	77,576	30,883	16,454	79,806	20,330
Net fixed assets	380,772	102,453	65,589	88,847	270,250	19,927
CURRENT ASSETS						
Cash on hand and in bank	16,249	16,276	6,515	7,440	19,187	6,272
Investments—short term	70,000	—	—	2,500	—	—
—long term	—	4,000	1,500	8,500	1,000	5,500
Accounts receivable (net)	9,373	6,503	1,134	199	3,385	764
Other	—	—	250	—	—	—
Total current assets	95,622	26,779	9,399	18,639	23,572	12,536
OTHER ASSETS						
Inventories	14,531	10,599	—	246	5,898	—
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	—	367	—	—	—
Total other assets	14,531	10,599	367	246	5,898	—
Equity in Ontario Hydro	242,471	122,936	57,804	73,021	226,811	42,723
Total	733,396	262,767	133,159	180,753	526,531	75,186
LIABILITIES						
Debentures outstanding	—	—	1,042	—	2,572	—
Current liabilities	15,455	7,033	2,938	2,877	12,253	1,439
Other liabilities	5,239	1,406	428	758	2,426	151
Total liabilities	20,694	8,439	4,408	3,635	17,251	1,590
RESERVES						
Equity in Ontario Hydro	242,471	122,936	57,804	73,021	226,811	42,723
Other reserves	—	—	—	—	—	—
Total reserves	242,471	122,936	57,804	73,021	226,811	42,723
CAPITAL						
Debentures redeemed	85,000	15,000	6,258	9,500	48,651	4,500
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	346,890	116,392	64,689	94,447	233,718	26,320
Contributed capital	38,341	—	—	150	100	53
Total capital	470,231	131,392	70,947	104,097	282,469	30,873
Total	733,396	262,767	133,159	180,753	526,531	75,186
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	195,535	87,701	40,174	40,615	192,874	17,165
Miscellaneous	8,527	5,009	1,654	998	3,094	1,004
Total revenue	204,062	92,710	41,828	41,613	195,968	18,169
EXPENSE						
Power purchased	138,779	64,772	27,923	23,817	128,514	13,560
Local generation	—	—	—	—	—	—
Operation and maintenance	18,922	9,284	4,761	1,994	12,190	996
Administration	21,950	9,968	2,859	2,650	26,468	1,390
Financial	—	—	243	—	1,390	1
Depreciation	15,898	7,285	3,698	3,117	7,761	1,877
Other	—	—	—	—	—	—
Total expense	195,549	91,309	39,484	31,578	176,323	17,824
Net income net expense	8,513	1,401	2,344	10,035	19,645	345
Number of customers	1,601	626	382	285	980	180

Statements for the Year Ended December 31, 1968

Dryden	Dublin	Dundalk	Dundas	Dunnville	Durham	Dutton	East York	Eganville
6,727	309	871	15,868	5,279	2,166	733	97,069	1,366
959,948 333,261	63,993 17,056	100,209 18,478	2,595,491 530,876	727,727 179,569	283,864 72,383	84,368 23,735	6,725,738 1,727,201	223,567 76,560
626,687	46,937	81,731	2,064,615	548,158	211,481	60,633	4,998,537	147,007
8,960 37,000 — 1,172 2,149	1,116 — 1,000 466 —	5,225 — 26,500 2,823 —	1,836 — 9,000 75,023 4,995	11,826 35,800 — 6,877 1,020	54,353 — 4,000 10,362 —	799 — — 444 —	127,728 1,750,000 200,000 297,877 438	12,945 — 14,635 1,123 —
49,281	2,582	34,548	90,854	55,523	68,715	1,243	2,376,043	28,703
6,329 — 4,338	— — —	130 — —	28,466 — 19,115	33,064 — —	1,173 — 5,027	13 — —	79,115 — 97,782	1,366 — —
10,667 237,088	— 36,768	130 95,387	47,581 1,041,394	33,064 537,766	6,200 220,169	13 94,803	176,897 4,203,903	1,366 38,664
923,723	86,287	211,796	3,244,444	1,174,511	506,565	156,692	11,755,380	215,740
80,000 2,325 20,919	— 4,397 77	— 4,548 545	740,700 168,222 53,921	23,870 22,467 8,527	24,000 10,796 1,256	— 2,765 446	1,919,903 296,097 —	— 4,405 621
103,244	4,474	5,093	962,843	54,864	36,052	3,211	2,216,000	5,026
237,088 —	36,768 —	95,387 —	1,041,394 —	537,766 —	220,169 —	94,803 —	4,203,903 —	38,664 —
237,088	36,768	95,387	1,041,394	537,766	220,169	94,803	4,203,903	38,664
121,430 —	6,200 —	5,727 —	335,864 —	116,069 —	31,324 —	8,407 —	1,193,301 —	98,007 —
461,961 —	37,291 1,554	105,589 —	751,363 152,980	439,450 26,362	219,020 —	50,271 —	3,955,234 186,942	74,043 —
583,391	45,045	111,316	1,240,207	581,881	250,344	58,678	5,335,477	172,050
923,723	86,287	211,796	3,244,444	1,174,511	506,565	156,692	11,755,380	215,740
389,931 16,298	24,471 230	61,698 1,244	874,277 33,528	326,034 6,420	138,140 7,105	32,254 303	2,914,027 198,029	72,105 1,338
406,229	24,701	62,942	907,805	332,454	145,245	32,557	3,112,056	73,443
236,906 — 54,400 46,102 11,040 32,801 —	16,752 — 2,085 2,694 — 1,953 —	41,040 — 6,169 5,726 — 2,529 —	559,865 — 82,417 79,386 89,523 72,780 —	208,783 — 37,961 22,109 5,384 18,039 —	97,429 — 11,467 16,806 2,480 8,664 —	17,651 — 7,238 3,420 — 2,653 —	2,046,239 — 386,587 375,399 91,264 231,725 —	38,124 9,536 3,581 7,662 — 5,807 —
381,249	23,484	55,464	883,971	292,276	136,846	30,962	3,131,214	64,710
24,980	1,217	7,478	23,834	40,178	8,399	1,595	19,158	8,733
2,187	127	534	5,121	2,084	951	363	25,039	522

Municipal Electrical Utilities Financial

Municipality	Elmira	Elmvale	Elmwood	Elora	Embro	Embrun
Population	4,333	1,062	450	1,684	660	1,274
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	605,379	112,786	28,006	206,092	94,686	144,406
Less accumulated depreciation	181,868	35,507	12,104	70,982	34,539	36,440
Net fixed assets	423,511	77,279	15,962	135,110	60,147	107,966
CURRENT ASSETS						
Cash on hand and in bank	11,059	13,653	4,525	4,213	281	3,203
Investments—short term	—	—	—	10,000	—	—
—long term	125,000	11,869	9,000	5,269	6,000	—
Accounts receivable (net)	10,688	2,527	188	2,348	732	1,135
Other	1,695	—	—	144	619	—
Total current assets	148,442	28,049	13,713	21,974	7,632	4,338
OTHER ASSETS						
Inventories	650	57	—	751	—	—
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	1,181	—	—	—	5,750
Total other assets	650	1,238	—	751	—	5,750
Equity in Ontario Hydro	563,926	92,096	32,786	181,126	64,787	34,294
Total	1,136,529	198,662	62,461	338,961	132,566	152,348
LIABILITIES						
Debentures outstanding	—	—	—	1,200	—	93,500
Current liabilities	29,725	5,052	898	6,609	5,020	7,602
Other liabilities	3,746	770	63	1,803	1,197	—
Total liabilities	33,741	5,822	961	9,612	6,217	101,102
RESERVES						
Equity in Ontario Hydro	563,926	92,096	32,786	181,126	64,787	34,294
Other reserves	—	—	—	—	—	—
Total reserves	563,926	92,096	32,786	181,126	64,787	34,294
CAPITAL						
Debentures redeemed	37,169	6,544	6,106	18,662	7,500	8,500
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	500,328	94,200	22,608	128,112	54,062	8,452
Contributed capital	1,635	—	—	1,449	—	—
Total capital	539,132	100,744	28,714	148,223	61,562	16,952
Total	1,136,529	198,662	62,461	338,961	132,566	152,348
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	350,497	60,431	12,623	82,240	33,565	71,841
Miscellaneous	11,974	1,774	478	2,480	1,919	1,454
Total revenue	362,471	62,205	13,101	84,720	35,484	73,295
EXPENSE						
Power purchased	275,325	43,394	8,919	53,237	24,591	49,677
Local generation	—	—	—	—	—	—
Operation and maintenance	14,968	2,185	248	13,692	4,269	1,533
Administration	23,024	6,214	1,564	12,927	4,416	3,587
Financial	—	—	—	674	—	8,843
Depreciation	17,541	3,789	982	6,388	3,637	4,439
Other	—	—	—	—	—	—
Total expense	330,885	55,582	11,713	86,918	36,913	68,079
Net income net expense	31,586	6,623	1,388	2,198	1,429	5,216
Number of customers	1,488	457	153	597	271	370

Statements for the Year Ended December 31, 1968

Erieau	Erie Beach	Erin	Espanola	Essex	Etobicoke	Exeter	Fenelon Falls	Fergus
456	212	1,259	5,639	3,785	266,117	3,170	1,457	5,008
103,411 35,183	26,261 7,217	123,358 26,039	471,106 114,043	441,983 148,875	36,265,051 7,388,099	611,640 142,216	330,251 92,636	634,030 173,150
68,228	19,044	97,319	357,063	293,108	28,876,952	469,424	237,615	460,880
14,112	8,898	5,646	18,007	34,753	—	2,591	15,277	11,871
—	—	—	20,000	—	776,000	—	—	—
3,923	—	5,000	9,000	—	155,000	9,084	—	15,000
679	159	563	6,163	5,168	871,060	4,812	5,420	6,362
130	—	—	1,060	—	16,399	101	174	184
18,844	9,057	11,209	54,230	39,921	1,818,459	16,588	20,871	33,417
—	—	329	624	20,788	859,864	813	5,805	779
—	—	—	—	—	2,744,683	—	—	—
30	—	844	10,794	919	174,998	1,217	—	—
30	—	1,173	11,418	21,707	3,779,545	2,030	5,805	779
66,856	11,787	48,626	91,382	258,206	15,430,012	333,265	2,015	546,216
153,958	39,888	158,327	514,093	612,942	49,904,968	821,307	266,306	1,041,292
—	—	—	108,000	6,300	9,133,220	40,603	66,000	10,500
1,984	405	4,609	33,634	21,044	2,368,533	15,438	16,185	37,292
263	188	1,074	5,873	—	327,658	3,271	3,240	4,218
2,247	593	5,683	147,507	27,344	11,829,411	59,312	85,425	52,010
66,856	11,787	48,626	91,382	258,206	15,430,012	333,265	2,015	546,216
—	—	—	—	—	—	—	—	—
66,856	11,787	48,626	91,382	258,206	15,430,012	333,265	2,015	546,216
20,529	7,783	14,242	37,000	44,809	3,352,569	24,396	94,000	64,461
—	—	—	—	—	2,744,683	—	—	—
64,326	19,725	89,776	154,498	279,221	14,388,400	362,212	75,725	371,308
—	—	—	83,706	3,362	2,159,893	42,122	9,141	7,297
84,855	27,508	104,018	275,204	327,392	22,645,545	428,730	178,866	443,066
153,958	39,888	158,327	514,093	612,942	49,904,968	821,307	266,306	1,041,292
36,466	9,873	66,412	235,824	194,788	18,357,113	230,012	112,656	423,418
899	124	3,415	9,118	4,731	309,944	3,667	793	8,098
37,365	9,997	69,827	244,942	199,519	18,667,057	233,679	113,449	431,516
22,415	4,474	44,800	163,177	121,970	13,291,150	140,754	53,266	332,503
—	—	—	—	—	—	—	23,508	—
4,159	1,097	5,516	23,486	21,563	1,093,071	19,146	12,620	28,085
5,003	1,436	5,096	23,242	26,762	992,993	27,089	8,425	31,592
—	—	—	13,217	1,552	1,023,018	3,827	10,075	2,002
3,397	846	4,577	13,012	12,736	968,909	16,499	7,831	19,323
—	—	—	—	—	—	—	—	—
34,974	7,853	59,989	236,134	184,583	17,369,141	207,315	115,725	413,505
2,391	2,144	9,838	8,808	14,936	1,297,916	26,364	2,276	18,011
385	149	498	1,582	1,282	84,974	1,414	884	1,735

Municipal Electrical Utilities Financial

Municipality	Finch	Flesherton	Fonthill	Forest	Fort William 48,615	Frankford 1,861
Population	379	510	2,937	2,237		
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	65,007	52,584	248,864	254,192	6,010,488	161,163
Less accumulated depreciation	20,804	16,420	81,838	127,660	2,278,038	47,967
Net fixed assets	44,203	36,164	167,026	126,532	3,732,450	113,196
CURRENT ASSETS						
Cash on hand and in bank	8,662	2,758	16,017	14,028	180,973	12,666
Investments—short term	—	—	13,500	—	400,000	—
—long term	6,000	8,000	—	38,434	50,000	—
Accounts receivable (net)	2,299	709	1,513	1,840	210,211	1,889
Other	—	—	—	—	—	487
Total current assets	16,961	11,467	31,030	54,302	841,184	15,042
OTHER ASSETS						
Inventories	—	—	82	6,053	151,945	—
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	—	—	—	11,059	806
Total other assets	—	—	82	6,053	163,004	806
Equity in Ontario Hydro	41,605	48,438	125,155	251,704	7,320,352	60,538
Total	102,769	96,069	323,293	438,591	12,056,990	189,582
LIABILITIES						
Debentures outstanding	—	—	2,500	—	246,000	11,500
Current liabilities	11,193	6,475	12,350	9,290	193,942	9,073
Other liabilities	344	2,352	2,501	1,430	170,429	1,656
Total liabilities	11,537	8,827	17,351	10,720	610,371	22,229
RESERVES						
Equity in Ontario Hydro	41,605	48,438	125,155	251,704	7,320,352	60,538
Other reserves	—	—	—	—	—	—
Total reserves	41,605	48,438	125,155	251,704	7,320,352	60,538
CAPITAL						
Debentures redeemed	7,000	5,831	57,673	23,357	816,139	21,500
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	41,755	32,973	121,064	143,824	3,272,750	85,315
Contributed capital	872	—	2,050	8,986	37,378	—
Total capital	49,627	38,804	180,787	176,167	4,126,267	106,815
Total	102,769	96,069	323,293	438,591	12,056,990	189,582
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	20,930	29,148	108,782	124,853	2,359,642	69,326
Miscellaneous	311	896	5,521	8,816	166,271	4,684
Total revenue	21,241	30,044	114,303	133,669	2,525,913	74,010
EXPENSE						
Power purchased	13,805	24,936	79,461	92,414	1,772,638	55,507
Local generation	—	—	—	—	—	—
Operation and maintenance	1,645	1,347	8,923	13,304	233,355	5,289
Administration	2,240	2,235	11,534	14,544	253,391	8,152
Financial	—	—	641	—	53,495	1,280
Depreciation	1,746	1,752	9,772	10,585	221,242	7,373
Other	—	—	—	—	—	—
Total expense	19,436	30,270	110,331	130,847	2,534,121	77,601
Net income net expense	1,805	226	3,972	2,822	8,208	3,591
Number of customers	173	250	994	943	15,708	681

Statements for the Year Ended December 31, 1968

Galt	Georgetown	Glencoe	Gloucester Twp.	Goderich	Grand Bend	Grand Valley	Granton	Gravenhurst
34,996	14,523	1,230	23,066	6,660	643	848	327	3,264
4,957,119 1,727,874	1,661,143 423,695	198,534 63,927	3,516,486 803,724	1,162,905 358,535	222,466 71,312	74,545 25,672	27,272 5,854	390,311 101,338
3,229,245	1,237,448	134,607	2,712,762	804,370	151,154	48,873	21,418	288,973
450	200	6,626	2,422	30,778	31,688	19,183	10,599	10,562
—	—	—	150,000	35,000	—	—	—	—
50,000	14,000	—	—	55,876	—	13,000	—	7,000
82,148	13,088	9,766	139,049	13,215	934	2,009	792	7,204
—	813	145	10,108	960	—	2,400	365	—
132,598	28,101	16,537	301,579	135,829	32,622	36,592	11,756	24,766
135,517	56,424	1,238	116,001	6,934	582	—	108	7,569
—	—	—	—	—	—	—	—	—
62,475	3,472	—	106,815	—	7,684	1,431	1,026	503
197,992	59,896	1,238	222,816	6,934	8,266	1,431	1,134	8,072
3,680,562	923,299	118,503	623,353	858,166	88,105	83,041	31,645	347,640
7,240,397	2,248,744	270,885	3,860,510	1,805,299	280,147	169,937	65,953	669,451
—	303,552	—	2,515,587	25,500	34,619	—	—	—
188,176	213,896	36,771	180,294	55,950	7,017	3,107	842	74,863
83,519	24,364	598	11,422	—	600	—	—	3,772
271,695	541,812	37,369	2,707,303	81,450	42,236	3,107	842	78,635
3,680,562	923,299	118,503	623,353	858,166	88,105	83,041	31,645	347,640
—	—	—	—	—	—	—	—	—
3,680,562	923,299	118,503	623,353	858,166	88,105	83,041	31,645	347,640
817,298	215,059	20,113	192,875	187,460	56,381	10,794	6,602	44,279
—	—	—	—	—	—	—	—	—
2,306,640	568,574	88,301	99,209	678,223	87,009	72,995	26,864	194,218
164,202	—	6,599	237,770	—	6,416	—	—	4,679
3,288,140	783,633	115,013	529,854	865,683	149,806	83,789	33,466	243,176
7,240,397	2,248,744	270,885	3,860,510	1,805,299	280,147	169,937	65,953	669,451
2,369,370	785,329	71,672	1,569,362	483,864	94,029	38,683	13,555	181,982
13,721	30,224	1,221	69,219	13,523	1,314	997	274	4,689
2,383,091	815,553	72,893	1,638,581	497,387	95,343	39,680	13,829	186,671
1,722,844	642,495	43,379	1,043,911	353,574	45,312	28,959	7,722	137,060
—	—	—	—	—	—	—	—	—
186,286	44,691	11,500	70,143	23,394	11,517	3,129	1,775	18,275
160,627	63,546	10,880	131,182	66,540	15,884	2,855	2,022	18,649
—	38,383	—	227,637	9,180	6,821	—	—	—
141,198	56,818	6,123	111,753	35,545	6,562	2,437	798	11,776
—	—	—	—	—	—	—	—	—
2,210,955	845,933	71,882	1,584,626	488,233	86,096	37,380	12,317	185,760
172,136	30,380	1,011	53,955	9,154	9,247	2,300	1,512	911
10,785	4,486	605	6,327	2,668	881	368	125	1,487

Municipal Electrical Utilities Financial

Municipality	Grimsby	Guelph	Hagersville	Hamilton	Hanover	Harriston
Population	6,773	53,329	2,222	291,187	4,833	1,640
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	571,071	8,035,246	239,389	34,924,520	603,125	298,931
Less accumulated depreciation	157,742	1,548,571	79,028	5,606,048	203,425	78,881
Net fixed assets	413,329	6,486,675	160,361	29,318,472	399,700	220,050
CURRENT ASSETS						
Cash on hand and in bank	80,760	71,385	2,383	376,175	11,141	12,755
Investments—short term	100,000	—	—	1,205,000	—	—
—long term	—	—	57,000	—	22,000	7,000
Accounts receivable (net)	4,833	133,032	2,472	2,159,776	15,163	991
Other	260	—	10,000	17,072	495	134
Total current assets	185,853	204,417	71,855	3,758,023	48,799	20,880
OTHER ASSETS						
Inventories	—	115,377	65	919,894	15,160	352
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	3,412	9,878	—	141,671	100	357
Total other assets	3,412	125,255	65	1,061,565	15,260	709
Equity in Ontario Hydro	287,566	4,787,728	366,943	49,402,463	571,294	218,894
Total	890,160	11,604,075	599,224	83,540,523	1,035,053	460,533
LIABILITIES						
Debentures outstanding	54,000	1,203,000	—	507,000	—	30,000
Current liabilities	31,250	181,917	11,034	2,807,093	25,891	8,418
Other liabilities	9,479	102,195	1,665	251,164	4,247	1,931
Total liabilities	94,729	1,487,112	12,699	3,565,257	30,138	40,349
RESERVES						
Equity in Ontario Hydro	287,566	4,787,728	366,943	49,402,463	571,294	218,894
Other reserves	—	—	—	217,406	—	—
Total reserves	287,566	4,787,728	366,943	49,619,869	571,294	218,894
CAPITAL						
Debentures redeemed	121,344	1,058,212	8,000	7,202,892	80,162	35,708
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	385,063	3,932,650	210,220	22,723,517	340,653	165,582
Contributed capital	1,458	338,373	1,362	428,988	12,806	—
Total capital	507,865	5,329,235	219,582	30,355,397	433,621	201,290
Total	890,160	11,604,075	599,224	83,540,523	1,035,053	460,533
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	329,969	4,339,610	150,394	30,066,136	331,770	119,811
Miscellaneous	11,243	74,823	4,838	424,718	3,056	2,274
Total revenue	341,212	4,414,433	155,232	30,490,854	334,826	122,085
EXPENSE						
Power purchased	214,978	3,014,420	110,219	25,950,365	266,529	78,918
Local generation	—	—	—	—	—	—
Operation and maintenance	19,280	263,964	22,824	1,366,566	20,871	12,061
Administration	33,353	368,908	13,459	1,492,925	23,538	9,694
Financial	9,728	166,686	—	113,818	—	2,845
Depreciation	19,481	232,382	7,930	848,984	16,684	8,327
Other	—	—	—	—	—	—
Total expense	296,820	4,046,360	154,432	29,772,658	327,622	111,845
Net income <i>net expense</i>	44,392	368,073	800	718,196	7,204	10,240
Number of customers	2,324	15,962	867	94,109	1,900	720

Statements for the Year Ended December 31, 1968

Harrow	Hastings	Havelock	Hawkesbury	Hearst	Hensall	Hespeler	Highgate	Holstein
1,878	838	1,214	9,049	3,280	916	5,942	390	172
299,047 94,863	131,159 42,117	138,863 48,080	960,720 263,627	347,604 78,988	187,921 60,978	725,581 185,499	49,371 20,659	14,050 4,578
204,184	89,042	90,783	697,093	268,616	126,943	540,082	28,712	9,472
19,621	2,534	10,585	20,670	6,730	8,058	17,797	4,131	5,848
—	—	—	—	—	—	20,000	—	—
—	—	50,119	—	40,000	8,926	—	3,000	—
195	1,483	2,420	6,188	10,126	6,588	41,205	383	242
220	—	—	—	—	—	879	—	47
20,036	4,017	63,124	26,858	56,856	23,572	79,881	7,514	6,137
—	—	—	24,792	—	30	453	—	—
—	—	—	—	—	—	—	—	—
3,188	271	3,176	1,133	740	—	3,344	—	—
3,188	271	3,176	25,925	740	30	3,797	—	—
227,074	58,328	92,100	220,445	135,998	123,337	892,965	44,912	17,658
454,482	151,658	249,183	970,321	462,210	273,882	1,516,725	81,138	33,267
—	—	4,500	92,000	—	—	—	—	—
10,695	4,544	3,795	35,199	43,561	6,083	34,030	1,716	662
1,198	535	511	7,688	4,604	463	6,885	274	76
11,893	5,079	8,806	134,887	48,165	6,546	40,915	1,990	738
227,074	58,328	92,100	220,445	135,998	123,337	892,965	44,912	17,658
—	—	—	—	—	—	—	—	—
227,074	58,328	92,100	220,445	135,998	123,337	892,965	44,912	17,658
12,000	21,000	58,400	193,000	72,177	12,000	77,571	5,000	2,762
—	—	—	—	—	—	—	—	—
203,515	66,294	89,877	395,307	205,770	123,720	502,610	29,236	12,109
—	957	—	26,682	100	8,279	2,664	—	—
215,515	88,251	148,277	614,989	278,047	143,999	582,845	34,236	14,871
454,482	151,658	249,183	970,321	462,210	273,882	1,516,725	81,138	33,267
138,476	49,175	51,535	418,072	209,408	71,686	420,483	16,826	8,180
7,297	1,480	3,436	12,790	4,968	663	14,479	335	—
145,773	50,655	54,971	430,862	214,376	72,349	434,962	17,161	8,180
98,018	32,771	31,602	291,449	149,747	51,007	338,255	12,117	6,025
—	—	—	—	—	—	—	—	—
9,569	2,180	3,675	26,401	13,206	8,006	24,630	1,426	419
24,617	6,076	5,560	44,847	19,327	8,839	31,908	2,221	614
—	—	1,710	20,907	1,373	—	—	—	—
9,702	4,744	4,582	31,556	11,127	5,768	21,651	1,812	456
—	—	—	—	—	—	—	—	—
141,906	45,771	47,129	415,160	194,780	73,620	416,444	17,576	7,514
3,867	4,884	7,842	15,702	19,596	1,271	18,518	415	666
758	421	478	2,521	899	387	1,817	177	99

Municipal Electrical Utilities Financial

Municipality	Huntsville	Ingersoll	Iroquois	Jarvis	Kapuskasing	Kemptville
Population	3,275	7,401	1,137	861	12,472	2,171
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	433,821	1,037,842	190,231	95,389	750,943	346,998
Less accumulated depreciation	102,596	309,295	60,454	26,346	146,905	57,480
Net fixed assets	331,225	728,547	129,777	69,043	604,038	289,518
CURRENT ASSETS						
Cash on hand and in bank	18,161	150	6,173	20,568	21,245	1,654
Investments—short term	—	75,000	—	—	10,000	—
—long term	55,000	—	43,000	—	—	1,000
Accounts receivable (net)	10,397	13,135	7,506	2,109	6,370	18,279
Other	870	599	2,052	53	535	683
Total current assets	84,428	88,884	58,731	22,730	38,150	21,616
OTHER ASSETS						
Inventories	7,768	54,219	206	—	12,375	13,309
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	8,886	3,245	5,117	—	6,280	—
Total other assets	16,654	57,464	5,323	—	18,655	13,309
Equity in Ontario Hydro	444,030	1,028,417	83,884	83,994	229,162	221,524
Total	876,337	1,903,312	277,715	175,767	890,005	545,967
LIABILITIES						
Debentures outstanding	—	31,621	—	—	157,300	—
Current liabilities	24,853	40,240	8,764	2,960	40,787	79,108
Other liabilities	1,694	6,285	1,661	220	11,339	1,693
Total liabilities	26,547	78,146	10,425	3,180	209,426	80,801
RESERVES						
Equity in Ontario Hydro	444,030	1,028,417	83,884	83,994	229,162	221,524
Other reserves	—	—	—	—	—	—
Total reserves	444,030	1,028,417	83,884	83,994	229,162	221,524
CAPITAL						
Debentures redeemed	15,697	168,179	—	10,500	128,179	19,507
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	390,063	627,115	65,171	72,331	323,238	224,135
Contributed capital	—	1,455	118,235	5,762	—	—
Total capital	405,760	796,749	183,406	88,593	451,417	243,642
Total	876,337	1,903,312	277,715	175,767	890,005	545,967
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	197,965	439,931	67,476	32,396	336,729	175,119
Miscellaneous	9,560	19,679	3,530	1,266	8,015	6,719
Total revenue	207,525	459,610	71,006	33,662	344,744	181,838
EXPENSE						
Power purchased	145,856	324,946	53,002	19,106	225,696	120,248
Local generation	—	—	—	—	—	—
Operation and maintenance	22,822	37,645	7,172	6,941	24,861	11,612
Administration	16,579	51,575	8,184	5,174	59,032	24,602
Financial	—	11,582	—	—	19,629	—
Depreciation	12,162	28,631	5,207	3,051	22,903	10,089
Other	—	—	—	—	—	—
Total expense	197,419	454,379	73,565	34,272	352,121	166,551
Net income net expense	10,106	5,231	2,559	610	7,377	15,287
Number of customers	1,342	2,516	442	314	2,287	933

Statements for the Year Ended December 31, 1968

Kenora	Killaloe Station	Kincardine	King City	Kingston	Kingsville	Kirkfield	Kitchener	Lakefield
13,002	853	2,744	1,960	56,159	3,583	199	99,021	2,162
1,629,230 352,449	65,559 23,302	365,537 128,826	174,178 76,325	8,595,912 2,697,492	439,162 152,757	32,141 9,403	16,830,986 4,073,431	333,841 105,834
1,276,781	42,257	236,711	97,853	5,898,420	286,405	22,738	12,757,555	228,007
360	25,685	37,433	6,967	356,209	50	2,059	462,654	36,532
85,000	—	—	25,000	675,000	—	—	450,000	—
—	—	25,000	25,000	—	8,500	6,000	—	21,000
59,642	1,834	9,383	3,649	608,764	8,582	735	994,157	4,416
480	—	—	—	243	140	—	4,043	—
145,482	27,519	71,816	60,616	1,640,216	17,272	8,794	1,910,854	61,948
—	—	12,761	144	239,176	1,684	—	477,366	6,425
—	—	—	—	—	—	—	—	—
—	2,455	13,917	5,094	5,909	305	—	30,142	154
—	2,455	26,678	5,238	245,085	1,989	—	507,508	6,579
26,434	22,859	365,487	54,015	4,265,606	302,483	18,039	9,542,338	176,753
1,448,697	95,090	700,692	217,722	12,049,327	608,149	49,571	24,718,255	473,287
487,000	29,500	—	91,800	1,981,000	—	—	1,894,000	—
79,237	2,258	12,780	13,910	322,646	36,684	1,005	679,769	11,337
16,030	162	2,913	1,866	16,769	5,450	13	119,041	1,782
582,267	31,920	15,693	107,576	2,320,415	42,134	1,018	2,692,810	13,119
26,434	22,859	365,487	54,015	4,265,606	302,483	18,039	9,542,338	176,753
—	—	—	—	—	—	—	—	—
26,434	22,859	365,487	54,015	4,265,606	302,483	18,039	9,542,338	176,753
128,652	10,500	60,000	19,159	1,089,185	33,500	5,766	2,633,244	33,500
—	—	—	—	—	—	—	—	—
711,344	29,811	259,512	36,459	4,333,475	209,667	24,748	9,158,843	249,915
—	—	—	513	40,646	20,365	—	691,020	—
839,996	40,311	319,512	56,131	5,463,306	263,532	30,514	12,483,107	283,415
1,448,697	95,090	700,692	217,722	12,049,327	608,149	49,571	24,718,255	473,287
—	—	—	—	—	—	—	—	—
635,440	33,908	181,762	94,725	3,464,031	187,424	9,846	6,997,114	144,654
29,050	690	4,967	10,413	119,710	933	530	41,630	4,396
664,490	34,598	186,729	105,138	3,583,741	188,357	10,376	7,038,744	149,050
403,161	17,717	117,362	71,738	2,405,791	137,522	5,936	4,958,248	90,807
—	—	—	—	—	—	—	—	—
85,885	739	16,144	4,073	336,317	16,971	528	454,739	10,103
58,218	3,777	13,881	8,221	317,934	25,202	786	467,529	9,765
45,546	3,360	—	9,682	191,177	—	—	227,845	—
49,941	2,033	12,895	8,691	247,317	12,834	1,117	400,449	12,095
—	—	—	—	—	—	—	—	—
642,751	27,626	160,282	102,405	3,498,536	192,529	8,367	6,508,810	122,770
21,739	6,972	26,447	2,733	85,205	4,172	2,009	529,934	26,280
4,545	296	1,374	564	19,367	1,530	117	31,122	848

Municipal Electrical Utilities Financial

Municipality	Lambeth	Lanark	Lancaster	Larder Lake Twp. 1,351	Latchford	Leamington
Population	2,819	906	565		477	9,567
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	216,267	77,916	52,853	81,687	57,119	1,270,887
Less accumulated depreciation	67,040	20,280	17,569	36,981	15,651	335,219
Net fixed assets	149,227	57,636	35,284	44,706	41,468	935,668
CURRENT ASSETS						
Cash on hand and in bank	33,631	4,893	17,492	15,554	4,784	28,523
Investments—short term	10,000	—	—	22,000	—	10,000
—long term	—	4,000	11,727	—	—	2,000
Accounts receivable (net)	3,612	1,004	1,558	723	379	21,611
Other	250	—	1,130	—	55	—
Total current assets	47,493	9,897	31,907	38,277	5,218	62,134
OTHER ASSETS						
Inventories	—	253	—	—	—	33,887
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	250	—	4,550	—	—	38
Total other assets	250	253	4,550	—	—	33,925
Equity in Ontario hydro	111,559	52,972	41,629	67,035	11,613	878,106
Total	308,529	120,758	113,370	150,018	58,299	1,909,833
LIABILITIES						
Debentures outstanding	3,593	—	—	—	—	35,500
Current liabilities	7,620	3,055	2,482	10,169	1,260	46,922
Other liabilities	1,082	370	310	4,810	719	33,033
Total liabilities	12,295	3,425	2,792	14,979	1,979	115,455
RESERVES						
Equity in Ontario Hydro	111,559	52,972	41,629	67,035	11,613	878,106
Other reserves	—	—	—	—	—	—
Total reserves	111,559	52,972	41,629	67,035	11,613	878,106
CAPITAL						
Debentures redeemed	28,907	7,317	8,917	15,753	18,901	90,500
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	141,256	55,057	56,694	51,801	22,212	767,161
Contributed capital	14,512	1,987	3,338	450	3,594	58,611
Total capital	184,675	64,361	68,949	68,004	44,707	916,272
Total	308,529	120,758	113,370	150,018	58,299	1,909,833
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	105,809	30,898	26,769	58,723	17,548	607,360
Miscellaneous	4,779	1,049	1,929	1,257	117	4,065
Total revenue	110,588	31,947	28,698	59,980	17,665	611,425
EXPENSE						
Power purchased	71,208	27,699	18,593	42,637	11,199	429,133
Local generation	—	—	—	—	—	—
Operation and maintenance	6,137	1,670	1,778	4,042	1,458	27,326
Administration	8,762	3,137	2,555	6,378	1,937	62,199
Financial	1,307	—	—	7	—	7,291
Depreciation	8,038	2,617	1,718	2,998	1,772	33,163
Other	—	—	—	—	—	—
Total expense	95,452	35,123	24,644	56,062	16,366	559,112
Net income net expense	15,136	3,176	4,054	3,918	1,299	52,313
Number of customers	829	301	220	470	156	3,609

Statements for the Year Ended December 31, 1968

Lindsay	Listowel	London	L'Original	Lucan	Lucknow	Lynden	Madoc	Magneta- wan
11,756	4,483	202,542	1,295	1,047	1,017	581	1,294	176
1,654,141 556,410	598,842 233,249	32,392,566 8,568,616	157,292 51,162	147,421 46,787	110,823 23,174	53,545 20,004	224,043 86,674	35,279 12,961
1,097,731	365,593	23,823,950	106,130	100,634	87,649	33,541	137,369	22,318
32,142 25,000 — 19,727 —	51,410 20,000 — 20,000 3,444 130	76,263 — 252,764 1,064,680 21,660	19,647 — — 1,050 —	3,307 — — 2,060 28	23,551 — — 24,000 5,029 502	12,081 3,000 — 5,000 2,265 10	18,752 — — 15,000 2,524 —	5,881 — — 6,000 62 —
76,869 20,259 — 18,257	94,984 302 — 161	1,415,367 1,155,295 — 118,031	20,697 — — 2,631	5,395 216 — 14	53,082 — — 8,419	22,356 — — —	36,276 7,978 — —	11,943 518 — 490
38,516 1,234,495	463 543,752	1,273,326 15,306,467	2,631 31,032	230 100,530	8,419 149,062	— 55,349	7,978 119,158	1,008 8,422
2,447,611	1,004,792	41,819,110	160,490	206,789	298,212	111,246	300,781	43,691
46,000 62,757 8,072	11,400 29,370 —	7,815,490 1,460,483 767,083	8,000 6,297 630	— 4,835 751	— 4,352 —	— 2,586 146	— 6,090 1,546	2,100 1,680 —
116,829 1,234,495 —	40,770 543,752 —	10,043,056 15,306,467 189,762	14,927 31,032 —	5,586 100,530 —	4,352 149,062 —	2,732 55,349 —	7,636 119,158 —	3,780 8,422 —
1,234,495	543,752	15,496,229	31,032	100,530	149,062	55,349	119,158	8,422
134,000 —	121,434	4,637,537 —	20,000 —	11,213 —	17,614 —	4,495 —	14,000 —	21,900 —
959,193 3,094	293,418 5,418	11,390,088 252,200	93,578 953	89,460 —	127,184 —	48,670 —	159,987 —	9,589 —
1,096,287	420,270	16,279,825	114,531	100,673	144,798	53,165	173,987	31,489
2,447,611	1,004,792	41,819,110	160,490	206,789	298,212	111,246	300,781	43,691
851,677 43,611	294,926 8,566	12,288,798 471,473	60,345 3,007	60,962 2,490	72,495 1,333	27,008 1,463	73,662 5,301	9,774 396
895,288	303,492	12,760,271	63,352	63,452	73,828	28,471	78,963	10,170
652,858 — 65,236 85,140 4,760 53,034 —	210,111 — 26,142 17,467 6,161 19,465 —	8,343,269 — 904,677 1,141,114 1,018,354 916,934 —	41,353 — 3,366 4,792 1,975 6,424 —	36,484 — 5,420 9,397 — 5,068 —	43,880 — 3,107 7,454 — 3,730 —	21,185 — 1,283 3,515 — 2,058 —	56,341 — 3,932 6,488 — 9,028 —	5,444 — 636 1,474 1,956 1,145 —
861,028	279,346	12,324,348	57,910	56,369	58,171	28,041	75,789	10,655
34,260	24,146	435,923	5,442	7,083	15,657	430	3,174	485
4,417	1,789	64,122	438	411	490	183	627	121

Municipal Electrical Utilities Financial

Municipality	Markdale	Markham	Marmora	Martintown	Massey	Maxville
Population	1,058	8,724	1,284	377	1,313	771
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	105,346	914,990	144,009	38,602	119,284	110,294
Less accumulated depreciation	22,352	180,216	60,952	16,127	25,386	26,566
Net fixed assets	82,994	734,774	83,057	22,475	93,898	83,728
CURRENT ASSETS						
Cash on hand and in bank	12,941	21,291	1,432	7,774	5,393	24,466
Investments—short term	6,000	—	—	—	4,000	—
—long term	10,000	—	3,000	—	15,000	7,226
Accounts receivable (net)	2,578	18,169	1,652	2,760	3,167	784
Other	—	477	—	332	255	—
Total current assets	31,519	39,937	6,084	10,866	27,815	32,476
OTHER ASSETS						
Inventories	729	10,373	4,038	—	179	—
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	7,760	29,920	—	637	2,552	—
Total other assets	8,489	40,293	4,038	637	2,731	—
Equity in Ontario Hydro	94,531	312,032	87,183	20,207	30,581	75,203
Total	217,533	1,127,036	180,362	54,185	155,025	191,407
LIABILITIES						
Debentures outstanding	—	117,562	—	—	19,300	—
Current Liabilities	5,048	73,172	4,860	747	4,585	9,171
Other liabilities	526	88,519	900	60	1,400	198
Total liabilities	5,574	279,253	5,760	807	25,285	9,369
RESERVES						
Equity in Ontario Hydro	94,531	312,032	87,183	20,207	30,581	75,203
Other reserves	—	—	—	—	—	—
Total reserves	94,531	312,032	87,183	20,207	30,581	75,203
CAPITAL						
Debentures redeemed	6,370	76,257	15,092	5,347	25,700	13,642
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	111,058	348,157	72,327	27,824	73,459	91,478
Contributed capital	—	111,337	—	—	—	1,715
Total capital	117,428	535,751	87,419	33,171	99,159	106,835
Total	217,533	1,127,036	180,362	54,185	155,025	191,407
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	63,089	486,725	65,038	11,588	55,106	47,400
Miscellaneous	2,004	12,561	1,222	83	1,201	1,466
Total revenue	65,093	499,286	66,260	11,671	56,307	48,866
EXPENSE						
Power purchased	46,777	358,403	46,010	7,580	32,675	33,024
Local generation	—	—	—	—	—	—
Operation and maintenance	2,537	21,582	7,934	1,243	5,793	3,618
Administration	4,615	43,341	4,872	1,596	6,533	2,621
Financial	—	25,529	—	—	3,914	—
Depreciation	3,235	25,361	5,225	1,325	3,192	3,242
Other	—	—	—	—	—	—
Total expense	57,164	474,216	64,041	11,744	52,107	42,505
Net income net expense	7,929	25,070	2,219	73	4,200	6,361
Number of customers	517	2,589	5,29	123	391	325

Statements for the Year Ended December 31, 1968

McGarry Twp. 2,054	Meaford 3,934	Merlin 627	Merrick- ville 914	Midland 10,477	Mildmay 951	Millbrook 881	Milton 6,552	Milverton 1,085
91,326 34,882	453,800 135,870	105,231 41,016	97,973 18,953	1,222,416 466,884	89,458 15,069	101,032 30,642	963,536 308,413	152,947 33,389
56,444	317,930	64,215	79,020	755,532	74,389	70,390	655,123	119,558
17,996 12,000	15,295 —	12,920 —	11,461 —	112,419 —	2,856 —	21,292 —	17,315 160,000	8,882 6,000
— 374 10,000	34,000 9,223 —	28,140 739 —	— 2,409 —	— 20,692 1,887	7,500 273 —	5,000 2,570 —	— 3,498 —	2,000 166 50
40,370	58,518	41,799	13,870	134,998	10,629	28,862	180,813	17,098
— — —	16,844 — 5,333	534 — —	— — 353	21,081 — 317	— — —	— — 3,883	2,286 — 122	314 — —
— 67,558	22,177 372,706	534 60,361	353 40,427	21,398 1,304,238	— 60,515	3,883 48,773	2,408 616,928	314 190,503
164,372	771,331	166,909	133,670	2,216,166	145,533	151,908	1,455,272	327,473
— 802 3,318	59,000 20,544 8,524	— 11,544 280	3,300 5,286 1,166	— 77,785 240,210	— 2,699 504	— 6,808 1,030	34,171 33,001 6,163	6,000 5,552 734
4,120	88,068	11,824	9,752	317,995	3,203	7,838	73,335	12,286
67,558 —	372,706 —	60,361 —	40,427 —	1,304,238 —	60,515 —	48,773 —	616,928 —	190,503 —
67,558	372,706	60,361	40,427	1,304,238	60,515	48,773	616,928	190,503
13,782 —	48,725 —	13,122 —	21,700 —	111,945 —	12,304 —	9,000 —	89,604 —	18,259 —
78,912 —	261,832 —	81,562 40	58,366 3,425	481,988 —	69,382 129	80,547 5,750	674,287 1,118	102,890 3,535
92,694	310,557	94,724	83,491	593,933	81,815	95,297	765,009	124,684
164,372	771,331	166,909	133,670	2,216,166	145,533	151,908	1,455,272	327,473
54,735 1,509	262,189 6,343	38,247 3,403	46,816 80	627,996 1,009	44,684 933	44,539 3,224	406,322 29,035	79,119 1,098
56,244	268,532	41,650	46,896	629,005	45,617	47,763	435,357	80,217
39,629 — 2,939 9,691 2 3,193 —	183,608 — 14,023 34,449 5,148 13,043 —	21,651 — 2,606 6,301 — 3,213 —	34,447 — 2,738 3,174 1,772 2,794 —	488,606 — 45,580 35,920 11,639 34,605 —	25,467 — 6,239 4,960 — 2,758 —	27,297 — 3,189 3,462 — 4,842 —	295,994 — 20,281 40,468 7,400 32,282 —	50,615 — 8,563 9,281 1,127 3,962 —
55,454	250,271	33,771	44,925	616,350	39,424	38,790	396,425	73,548
790	18,261	7,879	1,971	12,655	6,193	8,973	38,932	6,669
418	1,666	284	359	3,632	359	343	1,886	499

Municipal Electrical Utilities Financial

Municipality	Mississauga	Mitchell	Moorefield	Morrisburg	Mount Brydges	Mount Forest
Population	121,730	2,389	291	1,940	1,150	2,804
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	24,281,944	510,741	38,220	257,059	110,799	289,486
Less accumulated depreciation	3,056,804	108,276	13,212	72,090	19,117	81,203
Net fixed assets	21,225,140	402,465	25,008	184,969	91,682	208,283
CURRENT ASSETS						
Cash on hand and in bank	—	12,967	4,481	14,656	18,090	26,235
Investments—short term	412,000	—	—	—	—	—
—long term	8,000	—	1,000	11,000	—	15,000
Accounts receivable (net)	553,502	5,876	164	4,533	682	7,286
Other	766,692	857	—	—	—	—
Total current assets	1,740,194	19,700	5,645	30,189	18,772	48,521
OTHER ASSETS						
Inventories	912,838	16,964	—	12,112	—	7,051
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	115,096	76	—	—	195	2,760
Total other assets	1,027,934	17,040	—	12,112	195	9,811
Equity in Ontario Hydro	5,172,944	295,632	40,415	134,049	54,239	270,735
Total	29,166,212	734,837	71,068	361,319	164,888	537,350
LIABILITIES						
Debentures outstanding	3,908,835	37,100	—	—	10,300	—
Current liabilities	1,290,492	16,062	1,546	10,969	3,295	16,197
Other liabilities	2,825,095	39,082	—	2,547	765	2,646
Total liabilities	8,024,422	92,244	1,546	13,516	14,360	18,843
RESERVES						
Equity in Ontario Hydro	5,172,944	295,632	40,415	134,049	54,239	270,735
Other reserves	—	—	—	—	—	—
Total reserves	5,172,944	295,632	40,415	134,049	54,239	270,735
CAPITAL						
Debentures redeemed	1,190,076	45,009	4,500	31,636	8,760	21,626
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	8,811,693	299,881	24,607	104,239	87,529	226,146
Contributed capital	5,967,077	2,071	—	77,879	—	—
Total capital	15,968,846	346,961	29,107	213,754	96,289	247,772
Total	29,166,212	734,837	71,068	361,319	164,888	537,350
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	10,393,403	182,317	24,110	110,866	46,663	160,703
Miscellaneous	198,994	10,372	267	1,659	860	2,356
Total revenue	10,592,397	192,689	24,377	112,525	47,523	163,059
EXPENSE						
Power purchased	7,335,990	129,912	18,496	80,735	28,766	119,503
Local generation	—	—	—	—	—	—
Operation and maintenance	786,734	10,769	895	9,861	2,595	11,317
Administration	579,348	22,309	972	15,393	4,346	14,461
Financial	565,584	4,852	—	—	1,294	—
Depreciation	582,303	15,156	1,379	7,049	3,303	7,982
Other	—	—	—	—	—	—
Total expense	9,849,959	182,998	21,742	113,038	40,304	153,263
Net income net expense	742,438	9,691	2,635	513	7,219	9,796
Number of customers	32,501	1,027	149	804	433	1,254

Statements for the Year Ended December 31, 1968

Napanea 4,717	Nepean Twp. 53,115	Neustadt 542	Newboro 299	Newburgh 594	Newbury 300	Newcastle 1,552	New Hamburg 2,553	Newmarket 9,544
569,340 218,887	8,086,294 1,238,928	43,351 21,972	49,637 13,436	99,181 35,695	39,446 12,905	253,424 78,613	318,586 64,713	1,388,446 332,437
350,453	6,847,366	21,379	36,201	63,486	26,541	174,811	253,873	1,056,009
59,072 25,000 22,000 22,388 221	668,076 300,000 — 107,812 86,687	2,271 — 3,000 2,277 —	2,412 — 2,000 522 —	7,988 — — 624 —	4,081 — — 587 —	6,307 — 4,000 3,644 —	50 — — 1,944 760	86,509 25,000 — 9,752 4,830
128,681 7,763 — —	1,162,575 124,578 — 140,522	7,548 — — —	4,934 — — 1,326	8,612 — — —	4,668 30 — —	13,951 5,506 — 28	2,754 1,816 — 445	126,091 7,334 — 16,169
7,763 493,474	265,100 987,444	— 43,293	1,326 9,083	— 22,704	30 24,995	5,534 93,513	2,261 260,800	23,503 560,925
980,371	9,262,485	72,220	51,544	94,802	56,234	287,809	519,688	1,766,528
— 17,053 9,195	6,001,000 615,890 385,087	— 1,750 139	1,109 981 45	— 3,247 238	— 1,832 —	14,000 12,199 29,475	2,000 18,933 1,228	21,269 178,043 16,768
26,248 493,474 —	7,001,977 987,444 —	1,889 43,293 —	2,135 9,083 —	3,485 22,704 —	1,832 24,995 —	55,674 93,513 —	22,161 260,800 —	216,080 560,925 —
493,474 70,000 —	987,444 449,000 —	43,293 15,504 —	9,083 15,891 —	22,704 14,000 —	24,995 9,754 —	93,513 29,744 —	260,800 30,264 —	560,925 73,580 —
389,832 817	656,501 167,563	11,534 —	21,466 2,969	48,618 5,995	19,428 225	108,878 —	205,713 750	775,898 140,045
460,649	1,273,064	27,038	40,326	68,613	29,407	138,622	236,727	989,523
980,371	9,262,485	72,220	51,544	94,802	56,234	287,809	519,688	1,766,528
239,207 22,172	3,313,472 135,534	24,557 308	15,576 293	26,562 989	17,329 17	91,858 4,849	144,324 2,687	594,501 15,769
261,379	3,449,006	24,865	15,869	27,551	17,346	96,707	147,011	610,270
172,630 — 21,093 50,826 — 18,454 —	2,095,637 — 147,253 324,571 498,632 197,600 —	19,244 — 1,049 1,834 — 1,690 —	9,011 — 1,076 2,182 1,143 1,659 —	15,808 — 2,163 3,028 — 3,544 —	14,274 — 839 1,340 — 1,323 —	58,054 — 3,880 12,542 4,954 9,075 —	103,672 — 8,766 18,087 1,210 9,191 —	447,623 — 42,143 66,404 6,826 38,646 —
263,003	3,263,693	23,817	15,071	24,543	17,776	88,505	140,926	601,642
1,624	185,313	1,048	798	3,008	430	8,202	6,085	8,628
1,814	13,476	227	169	200	150	601	923	3,031

Municipal Electrical Utilities Financial

Municipality	Niagara	Niagara Falls	Nipigon Twp.	North Bay	North York	Norwich
Population	3,088	56,851	2,680	46,392	420,177	1,705
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	394,041	8,269,431	272,693	5,672,133	47,306,222	147,781
Less accumulated depreciation	120,404	1,914,404	96,881	1,664,193	9,995,027	54,116
Net fixed assets	273,637	6,355,027	175,812	4,007,940	37,311,195	93,665
CURRENT ASSETS						
Cash on hand and in bank	17,752	182,704	20,224	6,946	240,787	17,463
Investments—short term	14,000	—	—	205,000	4,000,000	—
—long term	8,000	63,000	8,500	385,000	16,300	7,500
Accounts receivable (net)	1,213	57,273	3,053	185,466	1,292,403	3,569
Other	42	15,680	—	4,428	9,565	—
Total current assets	41,007	318,657	31,777	786,840	5,559,055	28,532
OTHER ASSETS						
Inventories	15,569	283,703	183	70,681	667,676	7,030
Sinking fund on debentures	—	—	—	—	3,119,645	—
Miscellaneous assets	38	111,502	—	42,055	212,941	—
Total other assets	15,607	395,205	183	112,736	4,000,262	7,030
Equity in Ontario Hydro	256,232	4,568,053	185,915	2,507,177	14,150,706	175,052
Total	586,483	11,636,942	393,687	7,414,693	61,021,218	304,279
LIABILITIES						
Debentures outstanding	11,117	1,253,739	—	1,585,780	10,901,743	—
Current liabilities	10,680	128,255	10,023	354,906	2,167,467	5,514
Other liabilities	3,074	162,347	4,450	112,648	351,038	1,103
Total liabilities	24,871	1,544,341	14,473	2,053,334	13,420,248	6,617
RESERVES						
Equity in Ontario Hydro	256,232	4,568,053	185,915	2,507,177	14,150,706	175,052
Other reserves	—	—	—	1,586	—	—
Total reserves	256,232	4,568,053	185,915	2,508,763	14,150,706	175,052
CAPITAL						
Debentures redeemed	69,391	1,773,343	10,000	783,878	4,594,696	13,756
Sinking fund debentures	—	—	—	—	3,119,645	—
Accumulated net income invested in plant or held as working funds ..	231,989	3,385,094	183,299	1,963,261	23,979,874	108,854
Contributed capital	4,000	366,111	—	105,457	1,756,049	—
Total capital	305,380	5,524,548	193,299	2,852,596	33,450,264	122,610
Total	586,483	11,636,942	393,687	7,414,693	61,021,218	304,279
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	152,597	3,510,107	129,362	2,587,562	24,915,386	68,942
Miscellaneous	6,595	23,701	6,685	128,187	959,299	3,717
Total revenue	159,192	3,533,808	136,047	2,715,749	25,874,685	72,659
EXPENSE						
Power purchased	95,063	2,107,374	83,713	1,658,137	17,235,852	45,193
Local generation	—	—	—	—	—	—
Operation and maintenance	20,904	397,459	11,835	210,581	1,411,715	12,847
Administration	20,723	297,376	23,592	342,442	1,621,752	11,249
Financial	2,568	162,862	—	180,686	1,266,715	—
Depreciation	12,569	202,568	8,884	191,174	1,562,176	4,783
Other	—	—	—	—	—	—
Total expense	151,827	3,167,639	128,024	2,583,020	23,098,210	74,072
Net income net expense	7,365	366,169	8,023	132,729	2,776,475	1,413
Number of customers	1,183	17,931	791	14,709	122,324	721

Statements for the Year Ended December 31, 1968

Norwood	Oakville	Oil Springs	Omeme	Orangeville	Orillia	Orono	Oshawa	Ottawa
1,058	55,531	544	842	6,649	20,532	987	82,324	318,014
150,522 66,246	9,413,863 2,287,678	88,752 30,099	110,247 40,038	730,620 153,896	7,035,874 1,847,790	135,098 32,558	12,930,580 3,771,923	46,183,152 10,486,099
84,276	7,126,185	58,653	70,209	576,724	5,188,084	102,540	9,158,657	35,697,053
11,813 —	2,542 350,000	9,343 —	4,112 —	100 —	500 —	2,865 —	1,442 550,797	821,636 975,000
23,000 1,477 —	35,500 389,820 5,071	11,000 112 —	5,500 2,197 —	— 8,513 222	41,488 106,939 —	2,500 4,694 —	400,000 663,098 49	355,000 1,383,729 195,108
36,290 — — 621	782,933 173,512 — 53,299	20,455 348 —	11,809 354 —	8,835 18,131 — 7,328	148,927 95,719 — 21,371	10,059 145 — 5,552	1,615,386 385,292 — 54,759	3,730,473 915,184 — —
621 78,480	226,811 3,290,521	348 87,630	354 49,929	25,459 439,523	117,090 472,069	5,697 51,705	440,051 7,774,664	915,184 15,001,827
199,667	11,426,450	167,086	132,301	1,050,541	5,926,170	170,001	18,988,758	55,344,537
— 3,857 912	2,598,580 719,107 505,527	— 1,727 342	— 4,732 447	138,500 60,234 2,724	1,402,116 106,519 282,725	29,100 6,922 1,929	1,984,000 1,027,059 119,422	1,490,000 2,207,569 —
4,769 78,480 —	3,823,214 3,290,521 —	2,069 87,630 —	5,179 49,929 —	201,458 439,523 —	1,791,360 472,069 41,488	37,951 51,705 —	3,130,481 7,774,664 —	3,697,569 15,001,827 269,828
78,480 55,100 —	3,290,521 1,322,899 —	87,630 16,722 —	49,929 12,000 —	439,523 39,094 —	513,557 2,465,384 —	51,705 13,748 —	7,774,664 716,622 —	15,271,655 8,400,698 —
57,936 3,382	2,483,563 506,253	60,665 —	61,693 3,500	370,466 —	985,299 170,570	66,597 —	6,840,074 526,917	23,300,513 4,674,102
116,418	4,312,715	77,387	77,193	409,560	3,621,253	80,345	8,083,613	36,375,313
199,667	11,426,450	167,086	132,301	1,050,541	5,926,170	170,001	18,988,758	55,344,537
48,605 3,807	5,925,071 193,154	27,597 764	44,079 1,824	362,139 9,823	1,230,605 17,342	61,164 1,203	6,181,517 305,277	19,501,462 668,777
52,412	6,118,225	28,361	45,903	371,962	1,247,947	62,367	6,486,794	20,170,239
35,935 — 4,016 4,943 — 6,797 —	4,706,390 — 248,467 318,615 344,206 306,023 —	17,489 — 1,512 6,310 — 2,882 —	27,690 — 6,012 3,703 — 4,501 —	244,784 — 19,044 49,999 13,453 24,353 —	586,126 191,058 104,707 117,545 188,761 165,436 10,000	38,505 — 4,135 9,371 3,566 3,610 —	4,765,739 — 404,220 412,339 193,702 466,831 —	13,328,117 327,451 1,758,758 997,864 624,041 1,337,606 57,422
51,691	5,923,701	28,193	41,906	351,633	1,363,633	59,187	6,242,831	18,431,259
721	194,524	168	3,997	20,329	115,686	3,180	243,963	1,738,980
438	15,675	251	330	2,539	7,294	392	24,823	100,503

Municipal Electrical Utilities Financial

Municipality	Otterville	Owen Sound	Paisley	Palmerston	Paris	Parkhill
Population	807	18,259	708	1,659	6,428	1,160
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	92,256	2,523,153	97,413	288,931	808,677	177,310
Less accumulated depreciation	33,110	787,788	24,644	90,529	276,797	44,177
Net fixed assets	59,146	1,735,365	72,769	198,402	531,880	133,133
CURRENT ASSETS						
Cash on hand and in bank	5,232	5,515	2,139	14,505	48,325	16,044
Investments—short term	—	—	—	—	30,000	—
—long term	—	—	21,000	—	—	6,000
Accounts receivable (net)	371	98,243	4,199	2,378	7,248	2,675
Other	—	2,820	—	—	285	85
Total current assets	5,603	106,578	27,338	16,883	85,858	24,804
OTHER ASSETS						
Inventories	117	47,310	16	393	1,201	2,114
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	1,488	3,967	—	—	3,080
Total other assets	117	48,798	3,983	393	1,201	5,194
Equity in Ontario Hydro	58,926	1,829,985	79,541	229,164	624,954	138,480
Total	123,792	3,720,726	183,631	444,842	1,243,893	301,611
LIABILITIES						
Debentures outstanding	—	—	—	7,000	55,252	1,800
Current liabilities	2,408	83,153	4,004	10,894	25,991	6,397
Other liabilities	382	7,587	388	—	10,229	429
Total liabilities	2,790	90,740	4,392	17,894	91,472	8,626
RESERVES						
Equity in Ontario Hydro	58,926	1,829,985	79,541	229,164	624,954	138,480
Other reserves	—	—	—	—	—	—
Total reserves	58,926	1,829,985	79,541	229,164	624,954	138,480
CAPITAL						
Debentures redeemed	4,500	208,372	13,623	35,000	144,355	28,065
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	57,576	1,591,629	86,075	143,747	379,606	126,440
Contributed capital	—	—	—	19,037	3,506	—
Total capital	62,076	1,800,001	99,698	197,784	527,467	154,505
Total	123,792	3,720,726	183,631	444,842	1,243,893	301,611
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	31,863	1,133,378	37,752	101,761	326,066	80,051
Miscellaneous	566	55,577	1,576	333	5,224	3,060
Total revenue	32,429	1,188,955	39,328	102,094	331,290	83,111
EXPENSE						
Power purchased	20,369	859,632	24,486	61,930	226,693	49,896
Local generation	—	—	—	—	—	—
Operation and maintenance	2,004	100,472	2,170	10,932	31,881	7,191
Administration	3,485	119,229	6,312	14,405	29,415	11,741
Financial	—	—	—	1,482	9,217	973
Depreciation	3,334	87,294	2,499	8,093	25,656	6,016
Other	—	—	—	—	—	—
Total expense	29,192	1,166,627	35,467	96,842	322,862	75,817
Net income <i>net expense</i>	3,237	22,328	3,861	5,252	8,428	7,294
Number of customers	299	6,411	328	716	2,229	527

Statements for the Year Ended December 31, 1968

Parry Sound 5,670	Pembroke 15,142	Penetang- uishene 5,003	Perth 5,334	Peter- borough 54,782	Petrolia 3,469	Pickering 1,966	Pictou 4,694	Planta- genet 855
1,283,221 395,708	3,229,369 1,307,716	422,610 170,096	729,557 258,374	10,437,138 3,571,968	525,264 170,353	186,456 60,808	681,486 228,323	105,968 32,089
887,513	1,921,653	252,514	471,183	6,865,170	354,911	125,648	453,163	73,879
12,812	---	15,950	85,767	134,007	47,791	2,407	25,250	25,460
70,000	115,000	---	---	---	---	20,000	---	---
14,500	---	10,000	10,000	---	15,000	---	---	---
15,909	71,353	7,900	4,540	268,133	16,437	3,691	5,611	480
1,351	25,103	---	---	11,956	---	---	2,026	---
114,572	211,456	33,850	100,307	414,096	79,228	26,098	32,887	25,940
15,868	29,770	977	11,590	114,879	19,666	---	22,031	---
---	---	---	---	---	---	---	---	---
506	104,781	---	---	19,403	17,383	1,994	8,531	1,525
16,374	134,551	977	11,590	134,282	37,049	1,994	30,562	1,525
197,756	18,726	386,061	613,704	4,828,227	450,641	44,991	545,883	27,834
1,216,215	2,286,386	673,402	1,196,784	12,241,775	921,829	198,731	1,062,495	129,178
35,500	2,095,000	---	---	1,785,600	---	46,000	45,000	48,500
67,591	159,375	18,093	23,137	587,852	28,456	10,292	23,741	8,764
---	32,885	2,888	87	12,317	5,534	1,593	11,203	952
103,091	2,287,260	20,981	23,224	2,385,769	33,990	57,885	79,944	58,216
197,756	18,726	386,061	613,704	4,828,227	450,641	44,991	545,883	27,834
2,310	---	---	---	---	---	---	---	---
200,066	18,726	386,061	613,704	4,828,227	450,641	44,991	545,883	27,834
433,000	55,000	36,983	85,045	1,544,011	50,000	26,655	68,182	6,500
---	---	---	---	---	---	---	---	---
472,774	81,857	229,377	455,096	3,233,607	387,198	68,980	368,486	35,062
7,284	7,257	---	19,715	250,161	---	220	---	1,566
913,058	19,600	266,360	559,856	5,027,779	437,198	95,855	436,668	43,128
1,216,215	2,286,386	673,402	1,196,784	12,241,775	921,829	198,731	1,062,495	129,178
385,592	891,083	226,013	323,744	3,836,458	235,008	82,587	288,274	50,027
25,322	22,346	3,126	3,794	160,641	6,306	5,269	3,896	3,534
410,914	913,429	229,139	327,538	3,997,099	241,314	87,856	292,170	53,561
191,466	480,054	169,387	229,545	2,669,775	130,454	58,697	185,108	36,585
36,311	11,000	---	---	---	---	---	---	---
39,932	54,305	17,639	14,611	365,526	34,462	7,120	31,575	2,245
43,974	108,986	22,298	31,845	343,396	45,198	8,181	27,393	4,574
6,200	197,762	---	---	231,624	---	6,750	4,575	4,925
37,043	95,807	13,678	21,216	354,193	13,018	7,656	19,907	4,139
---	---	---	---	---	---	---	---	---
354,926	947,914	223,002	297,217	3,964,514	223,132	88,404	268,558	52,468
55,988	34,485	6,137	30,321	32,585	18,182	548	23,612	1,093
2,235	5,109	1,514	2,175	17,759	1,446	606	1,847	260

Municipal Electrical Utilities Financial

Municipality	Plattsville	Point Edward	Port Arthur	Port Burwell	Port Colborne	Port Credit
Population	558	2,823	46,990	661	18,168	8,261
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	75,444	332,318	8,075,790	120,230	2,021,434	1,358,998
Less accumulated depreciation	15,626	110,820	2,938,837	48,985	501,080	289,453
Net fixed assets	59,818	221,498	5,136,953	71,245	1,520,354	1,069,545
CURRENT ASSETS						
Cash on hand and in bank	13,214	55,311	636,226	5,531	52,363	14,568
Investments—short term	10,000	10,000	650,000	—	25,000	25,000
—long term	2,500	—	99,208	—	10,000	13,500
Accounts receivable (net)	243	10,574	366,505	1,300	10,602	54,895
Other	—	1,185	11,471	225	—	205
Total current assets	25,957	77,070	1,763,410	7,056	97,965	108,168
OTHER ASSETS						
Inventories	71	181	190,258	124	32,951	23,039
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	16,940	—	873	15,501	7,162
Total other assets	71	17,121	190,258	997	48,452	30,201
Equity in Ontario Hydro	82,848	613,802	12,415,480	33,523	1,078,451	960,308
Total	168,694	929,491	19,506,101	112,821	2,745,222	2,168,222
LIABILITIES						
Debentures outstanding	—	—	224,000	17,500	301,908	212,800
Current liabilities	4,378	35,298	276,995	5,694	67,000	112,115
Other liabilities	—	—	—	1,690	16,867	8,431
Total liabilities	4,378	35,298	500,995	24,884	385,775	333,346
RESERVES						
Equity in Ontario Hydro	82,848	613,802	12,415,480	33,523	1,078,451	960,308
Other reserves	—	—	102,175	—	—	—
Total reserves	82,848	613,802	12,517,655	33,523	1,078,451	960,308
CAPITAL						
Debentures redeemed	5,237	17,000	752,317	22,500	313,751	113,366
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	76,231	263,391	5,660,094	28,459	961,543	755,115
Contributed capital	—	—	75,040	3,455	5,702	6,087
Total capital	81,468	280,391	6,487,451	54,414	1,280,996	874,568
Total	168,694	929,491	19,506,101	112,821	2,745,222	2,168,222
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	46,679	340,797	2,866,173	36,310	878,119	1,023,353
Miscellaneous	1,521	6,352	164,414	464	15,275	19,677
Total revenue	48,200	347,149	3,030,587	36,774	893,394	1,043,030
EXPENSE						
Power purchased	42,241	287,530	2,017,485	15,192	556,972	857,543
Local generation	—	—	25,497	—	—	—
Operation and maintenance	2,073	10,354	246,775	7,739	83,517	31,345
Administration	1,842	28,068	241,749	4,700	113,536	79,534
Financial	—	—	35,087	2,953	31,749	11,702
Depreciation	2,337	10,182	266,069	3,735	56,715	39,008
Other	—	—	—	—	—	—
Total expense	48,493	336,134	2,832,662	34,319	842,489	1,019,132
Net income net expense	293	11,015	197,925	2,455	50,905	23,898
Number of customers	208	901	14,902	429	5,611	2,804

Statements for the Year Ended December 31, 1968

Port Dover 3,288	Port Elgin 2,055	Port Hope 8,734	Port McNicol 1,259	Port Perry 2,746	Port Rowan 841	Port Stanley 1,470	Prescott 5,518	Preston 14,644
447,099 157,445	387,978 83,162	1,286,996 472,160	147,140 36,271	325,530 64,289	102,343 26,510	244,912 117,464	521,266 204,081	2,032,642 599,898
289,654	304,816	814,836	110,869	261,241	75,833	127,448	317,185	1,432,744
49,267 30,000	15,629 —	40,277 —	2,964 —	8,882 —	10,177 —	29,439 —	38,927 —	58,012 25,000
— 5,825 —	— 6,543 —	— 4,323 —	25,850 6,364 23	7,000 3,760 —	— 1,116 —	— 3,494 589	20,000 4,000 —	— 18,328 2,669
85,092	22,172	44,600	35,201	19,642	11,293	33,522	62,927	104,009
580 — —	2,431 — 7,562	58,360 — —	795 — —	— — 1	60 — 110	335 — 590	10,509 — —	46,196 — —
580 268,698	9,993 196,887	58,360 954,753	795 118,161	1 185,107	170 53,605	925 226,130	10,509 463,238	46,196 1,456,460
644,024	533,868	1,872,549	265,026	465,991	140,901	388,025	853,859	3,039,409
39,948 17,403 5,140	— 11,633 —	— 45,782 27,532	— 12,107 962	82,000 20,250 2,760	5,900 4,485 573	— 5,485 1,367	— 22,019 5,294	56,600 64,714 27,235
62,491	11,633	73,314	13,069	105,010	10,958	6,852	27,313	148,549
268,698 —	196,887 —	954,753 —	118,161 —	185,107 —	53,605 —	226,130 —	463,238 —	1,456,460 —
268,698	196,887	954,753	118,161	185,107	53,605	226,130	463,238	1,456,460
68,580 —	37,787 —	244,000 —	9,804 —	22,882 —	12,100 —	18,950 —	23,981 —	419,683 —
236,701 7,554	287,561 —	600,482 —	123,992 —	151,719 1,273	64,200 38	135,168 925	324,073 15,254	978,051 36,666
312,835	325,348	844,482	133,796	175,874	76,338	155,043	363,308	1,434,400
644,024	533,868	1,872,549	265,026	465,991	140,901	388,025	853,859	3,039,409
172,310 6,743	181,382 4,344	625,166 24,238	68,566 2,893	149,151 5,364	30,969 1,053	101,714 1,616	268,174 15,024	924,971 13,671
179,053	185,726	649,404	71,459	154,515	32,022	103,330	283 198	938,642
100,028	111,020	421,271	48,307	109,118	19,716	57,753	210,348	637,465
26,496 18,563 6,261 15,969	16,875 21,777 — 9,878 —	64,612 77,584 — 44,447 —	7,068 8,557 — 4,134 —	13,355 13,976 8,485 9,671 —	3,455 2,880 931 3,106 —	19,926 15,400 — 8,323 —	15,344 25,285 — 21,418 —	79,784 63,985 18,910 60,894 —
167,317	159,550	607,914	68,066	154,605	30,088	101,402	272,395	861,038
11,736	26,176	41,490	3,393	90	1,934	1,928	10,803	77,604
1,574	1,264	3,053	627	1,056	366	1,163	1,936	4,261

Municipal Electrical Utilities Financial

Municipality	Priceville	Princeton	Queenston	Rainy River	Red Rock	Renfrew
Population	136	434	561	1,087	1,922	8,470
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	20,091	45,346	58,129	143,832	131,040	1,831,728
Less accumulated depreciation	8,930	13,585	18,311	71,666	32,051	550,722
Net fixed assets	11,161	31,761	39,818	72,166	98,989	1,281,006
CURRENT ASSETS						
Cash on hand and in bank	3,965	7,886	7,695	7,523	2,529	30,239
Investments—short term	—	—	—	25,000	—	20,000
—long term	8,000	3,000	8,000	—	—	6,675
Accounts receivable (net)	152	888	531	2,474	1,012	4,443
Other	—	—	—	959	—	2,985
Total current assets	12,117	11,774	16,226	35,956	3,541	64,342
OTHER ASSETS						
Inventories	—	—	—	1,685	—	17,727
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	2,141	—	—	—	5,902
Total other assets	—	2,141	—	1,685	—	23,629
Equity in Ontario Hydro	7,665	55,308	49,447	33,690	77,872	349,398
Total	30,943	100,984	105,491	143,497	180,402	1,718,375
LIABILITIES						
Debentures outstanding	525	—	—	—	—	68,765
Current liabilities	1,062	1,899	1,797	4,424	4,863	57,315
Other liabilities	—	489	252	427	414	6,904
Total liabilities	1,587	2,388	2,049	4,851	5,277	132,984
RESERVES						
Equity in Ontario Hydro	7,665	55,308	49,447	33,690	77,872	349,398
Other reserves	—	—	—	—	—	—
Total reserves	7,665	55,308	49,447	33,690	77,872	349,398
CAPITAL						
Debentures redeemed	11,641	5,995	9,500	26,087	29,367	702,472
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	10,050	37,258	44,261	78,869	58,818	532,802
Contributed capital	—	35	234	—	9,068	719
Total capital	21,691	43,288	53,995	104,956	97,253	1,235,993
Total	30,943	100,984	105,491	143,497	180,042	1,718,375
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	5,928	19,548	22,954	69,237	59,710	434,280
Miscellaneous	424	909	1,177	3,206	1,064	4,705
Total revenue	6,352	20,457	24,131	72,443	60,774	438,985
EXPENSE						
Power purchased	3,188	16,286	18,773	42,281	42,705	262,387
Local generation	—	—	—	—	—	42,149
Operation and maintenance	481	1,496	1,004	10,243	5,393	29,185
Administration	847	1,776	1,565	13,184	5,918	40,959
Financial	435	—	—	—	—	19,790
Depreciation	735	1,516	2,174	4,935	4,108	45,123
Other	—	—	—	—	—	—
Total expense	5,686	21,074	23,516	70,643	58,124	439,593
Net income net expense	666	617	615	1,800	2,650	608
Number of customers	74	183	189	430	380	2,962

Statements for the Year Ended December 31, 1968

Richmond 1,418	Richmond Hill 19,431	Ridgetown 2,784	Ripley 406	Rockland 3,494	Rockwood 925	Rodney 1,072	Rosseau 242	Russell 604
168,147 30,937	2,096,105 592,243	380,943 83,536	57,197 13,823	224,046 53,413	90,071 18,072	90,682 32,593	38,483 9,263	73,088 19,133
137,210	1,503,862	297,407	43,374	170,633	71,999	58,089	29,220	53,955
---	106,800	13,008	11,632	14,574	1,541	18,474	2,971	7,099
---	75,000	---	6,000	---	---	---	---	---
---	---	---	8,000	---	---	---	2,500	---
2,513	38,045	3,596	1,691	4,052	12,416	6,234	1,013	823
---	---	50	925	---	---	90	140	---
2,513	219,845	16,654	28,248	18,626	13,957	24,798	6,624	7,922
---	23,160	716	---	795	91	468	---	---
---	---	---	---	---	---	---	---	---
---	7,379	2,644	2,257	2,184	---	2,112	---	10
---	30,539	3,360	2,257	2,979	91	2,580	---	10
60,294	733,677	251,590	58,092	78,680	68,076	88,768	24,441	45,117
200,017	2,487,923	569,011	131,971	270,918	154,123	174,235	60,285	107,004
15,200 7,076 794	387,113 108,943 15,953	50,713 16,955 3,681	---	36,500 10,565 7,866	13,533 4,841 576	---	---	---
---	---	---	2,521 369	---	---	5,657 670	1,547 ---	2,967 126
23,070	512,009	71,349	2,890	54,931	18,950	6,327	1,547	3,093
60,294	733,677	251,590	58,092	78,680	68,076	88,768	24,441	45,117
---	---	---	---	---	---	---	---	---
60,294	733,677	251,590	58,092	78,680	68,076	88,768	24,441	45,117
19,687	327,339	61,657	12,744	18,500	8,795	8,500	11,933	8,808
---	---	---	---	---	---	---	---	---
94,666 2,300	903,768 11,130	179,420 4,995	58,245 ---	118,457 350	54,750 3,552	70,640 ---	22,364 ---	49,986 ---
116,653	1,242,237	246,072	70,989	137,307	67,097	79,140	34,297	58,794
200,017	2,487,923	569,011	131,971	270,918	154,123	174,235	60,285	107,004
70,579 1,427	992,519 51,626	169,505 1,557	28,473 732	114,190 905	44,851 561	50,728 1,635	11,755 350	27,799 370
72,006	1,044,145	171,062	29,205	115,095	45,412	52,363	12,105	28,169
55,371	742,008	98,142	20,178	83,673	31,848	30,247	6,885	22,020
---	---	---	---	---	---	---	---	---
2,663	35,301	19,623	1,368	6,855	1,874	6,035	1,649	682
3,002	96,794	23,109	2,303	7,011	5,131	5,915	1,139	2,604
1,972	60,212	8,133	---	4,725	705	---	---	---
4,385	78,139	10,241	1,910	6,896	2,809	3,216	1,156	2,099
---	---	---	---	---	---	---	---	---
67,393	1,012,454	159,248	25,759	109,160	42,367	45,413	10,829	27,405
4,613	31,691	11,814	3,446	5,935	3,045	6,950	1,276	764
492	5,493	1,166	229	939	336	455	134	230

Municipal Electrical Utilities Financial

Municipality	St. Catharines 100,799	St. Clair Beach 1,858	St. George 914	St. Jacobs 935	St. Marys 4,758	St. Thomas 23,206
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	13,894,941	149,189	89,298	93,922	692,470	3,159,241
Less accumulated depreciation	2,870,706	51,274	22,027	20,214	228,342	990,369
Net fixed assets	11,024,235	97,915	67,271	73,708	464,128	2,168,872
CURRENT ASSETS						
Cash on hand and in bank	302,968	7,985	11,675	29,440	74,939	500
Investments—short term	—	25,000	—	—	37,500	—
—long term	—	—	—	2,000	20,000	35,000
Accounts receivable (net)	734,317	5,223	213	2,555	11,711	129,560
Other	9,244	—	—	—	—	2,528
Total current assets	1,046,529	38,208	11,888	33,995	144,150	167,588
OTHER ASSETS						
Inventories	304,631	—	45	—	12,005	110,797
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	40,833	447	—	—	62,188	687
Total other assets	345,464	447	45	—	74,193	111,484
Equity in Ontario Hydro	10,001,811	70,048	82,309	105,209	989,534	2,698,868
Total	22,418,039	206,618	161,513	212,912	1,672,005	5,146,812
LIABILITIES						
Debentures outstanding	1,431,000	—	9,300	—	8,610	152,000
Current liabilities	1,212,673	9,230	3,976	3,944	20,885	115,057
Other liabilities	157,385	333	220	90	2,377	62,375
Total liabilities	2,801,058	9,563	13,496	4,034	31,872	329,432
RESERVES						
Equity in Ontario Hydro	10,001,811	70,048	82,309	105,209	989,534	2,698,868
Other reserves	—	—	—	—	—	—
Total reserves	10,001,811	70,048	82,309	105,209	989,534	2,698,868
CAPITAL						
Debentures redeemed	472,709	17,694	6,700	6,000	181,597	186,574
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	8,712,805	99,257	58,705	97,669	469,002	1,927,699
Contributed capital	429,656	10,056	303	—	—	4,239
Total capital	9,615,170	127,007	65,708	103,669	650,599	2,118,512
Total	22,418,039	206,618	161,513	212,912	1,672,005	5,146,812
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	7,455,509	69,565	42,117	58,990	259,902	1,607,402
Miscellaneous	108,463	2,051	937	1,197	10,017	12,409
Total revenue	7,563,972	71,616	43,054	60,187	269,919	1,619,811
EXPENSE						
Power purchased	5,899,476	49,085	31,815	41,351	151,896	1,073,163
Local generation	—	—	—	—	—	—
Operation and maintenance	454,760	7,777	2,229	2,782	22,722	258,574
Administration	484,625	7,399	4,635	2,960	35,538	118,289
Financial	166,599	—	1,413	—	4,934	16,814
Depreciation	361,312	4,901	2,802	2,746	18,632	86,492
Other	—	—	—	—	—	—
Total expense	7,366,772	69,162	42,894	49,839	233,722	1,553,332
Net income <i>net expense</i>	197,200	2,454	160	10,348	36,197	66,479
Number of customers	30,917	535	327	288	1,815	8,513

Statements for the Year Ended December 31, 1968

Sandwich West 8,922	Sarnia 56,007	Scarborough 280,491	Schreiber Twp. 2,130	Seaforth 2,203	Shelburne 1,395	Simcoe 10,138	Sioux Lookout 2,704	Smiths Falls 9,953
846,824 266,045	8,319,706 2,338,666	32,840,048 8,331,701	212,341 67,548	380,924 102,837	227,431 69,462	1,214,074 402,423	323,615 98,501	1,276,021 402,715
580,779	5,981,040	24,508,347	144,793	278,087	157,969	811,651	225,114	873,306
16,099	38,740	375,299	13,891	18,737	50	—	11,744	110,297
—	—	1,305,000	15,000	—	—	—	69,000	—
—	194,674	25,000	5,000	9,000	—	—	5,000	20,000
17,677	287,480	1,374,157	2,441	1,874	6,700	9,516	634	12,776
42	3,104	4,082	677	90	200	564	—	—
33,818	523,998	3,083,538	37,009	29,701	6,950	10,080	86,378	143,073
10,036	275,292	495,246	2,378	143	3,538	1,328	11,145	39,635
—	—	2,747,525	—	—	—	—	—	—
10,926	41,582	809,676	—	359	—	—	—	—
20,962	316,874	4,052,447	2,378	502	3,538	1,328	11,145	39,635
203,697	8,491,328	10,603,575	109,694	288,184	143,500	1,019,135	205,285	984,144
839,256	15,313,240	42,247,907	293,874	596,474	311,957	1,842,194	527,922	2,040,158
112,680	530,400	8,483,423	—	8,100	—	—	—	—
114,592	195,675	2,290,074	7,851	13,766	10,766	18,427	2,184	42,235
57,587	74,635	967,209	—	3,537	154	14,322	4,597	—
284,859	800,710	11,740,706	7,851	25,403	10,920	32,749	6,781	42,235
203,697	8,491,328	10,603,575	109,694	288,184	143,500	1,019,135	205,285	984,144
—	—	—	—	—	—	—	—	—
203,697	8,491,328	10,603,575	109,694	288,184	143,500	1,019,135	205,285	984,144
131,712	985,991	3,996,238	50,000	66,340	16,991	75,435	—	147,662
—	—	2,747,525	—	—	—	—	—	—
217,116	4,919,673	12,267,620	126,329	216,047	137,969	714,282	315,856	866,117
1,872	115,538	892,243	—	500	2,577	593	—	—
350,700	6,021,202	19,903,626	176,329	282,887	157,537	790,310	315,856	1,013,779
839,256	15,313,240	42,247,907	293,874	596,474	311,957	1,842,194	527,922	2,040,158
320,055	3,467,571	16,082,873	102,611	138,699	86,764	666,247	172,588	607,098
11,753	98,943	784,976	1,776	3,942	2,453	13,991	4,366	9,018
331,808	3,566,514	16,867,849	104,387	142,641	89,217	680,238	176,954	616,116
216,794	2,365,817	11,711,669	78,535	88,713	61,427	546,237	103,340	444,856
—	—	—	—	—	—	—	—	—
28,228	533,451	933,844	5,533	20,559	2,436	72,230	21,449	52,522
44,506	362,032	1,060,273	13,375	17,093	11,138	44,358	23,942	55,464
20,078	94,394	1,015,629	—	2,928	—	—	—	—
25,711	225,988	1,073,600	6,264	11,366	7,524	38,567	8,986	35,471
—	—	—	—	—	—	—	—	—
335,317	3,581,682	15,795,015	103,707	140,659	82,525	701,392	157,717	588,313
3,509	15,168	1,072,834	680	1,982	6,692	21,154	19,237	27,803
2,503	16,800	83,124	685	884	665	3,872	981	3,672

Municipal Electrical Utilities Financial

Municipality	Southamp- ton 1,738	S. Grimsby Twp. 2,849	South River 952	Springfield 488	Stayner 1,841	Stirling 1,360
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	337,550	114,271	169,368	59,769	215,308	181,188
Less accumulated depreciation	83,952	32,179	54,132	20,588	49,616	58,547
Net fixed assets	253,598	82,092	115,236	39,181	165,692	122,641
CURRENT ASSETS						
Cash on hand and in bank	34,458	8,298	8,297	5,162	7,993	22,965
Investments—short term	—	—	—	—	—	—
—long term	5,000	3,000	—	500	—	—
Accounts receivable (net)	1,967	411	415	398	5,566	434
Other	—	—	—	—	—	—
Total current assets	41,425	11,709	8,712	6,060	13,559	23,399
OTHER ASSETS						
Inventories	9,840	—	—	—	3,298	1,326
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	—	14,077	—	—	—
Total other assets	9,840	—	14,077	—	3,298	1,326
Equity in Ontario Hydro	179,817	68,463	14,743	45,422	137,416	112,913
Total	484,680	162,264	152,768	90,663	319,965	260,279
LIABILITIES						
Debentures outstanding	—	—	69,000	—	—	2,289
Current liabilities	8,147	3,250	8,675	3,163	14,659	5,519
Other liabilities	680	580	1,802	329	1,358	2,063
Total liabilities	8,827	3,830	79,477	3,492	16,017	9,871
RESERVES						
Equity in Ontario Hydro	179,817	68,463	14,743	45,422	137,416	112,913
Other reserves	—	—	—	—	—	—
Total reserves	179,817	68,463	14,743	45,422	137,416	112,913
CAPITAL						
Debentures redeemed	42,523	15,000	21,000	9,500	9,557	20,711
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	253,513	73,947	37,548	32,249	153,200	116,784
Contributed capital	—	1,024	—	—	3,775	—
Total capital	296,036	89,971	58,548	41,749	166,532	137,495
Total	484,680	162,264	152,768	90,663	319,965	260,279
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	139,518	53,106	60,963	19,601	86,461	73,570
Miscellaneous	5,054	2,100	256	270	2,922	1,388
Total revenue	144,572	55,206	61,219	19,871	89,383	74,958
EXPENSE						
Power purchased	90,390	35,075	29,982	12,506	64,636	51,305
Local generation	—	—	—	—	—	—
Operation and maintenance	20,536	5,591	4,088	2,058	6,477	7,072
Administration	10,452	11,961	6,340	1,271	7,712	6,281
Financial	—	—	7,710	—	—	692
Depreciation	10,306	3,907	4,596	2,028	6,388	5,151
Other	—	—	—	—	—	—
Total expense	131,684	56,534	52,716	17,863	85,213	70,501
Net income net expense	12,888	1,328	8,503	2,008	4,170	4,457
Number of customers	1,328	413	337	179	772	573

Statements for the Year Ended December 31, 1968

Stoney Creek 7,572	Stouffville 3,906	Stratford 23,341	Strathroy 6,018	Streetsville 5,960	Sturgeon Falls 6,300	Sudbury 86,291	Sunderland 657	Sundridge 720
591,422 179,136	470,494 109,872	4,999,551 935,090	839,572 295,966	570,999 140,683	580,460 159,684	9,810,214 2,958,424	69,029 20,901	95,010 21,994
412,286	360,622	4,064,461	543,606	430,316	420,776	6,851,790	48,128	73,016
19,000 75,000 —	20,493 37,000 —	190,299 — —	29,696 — —	31,224 130,000 —	14,010 — —	51,829 — —	13,707 — —	9,004 — —
9,705 4,305	13,194 —	119,051 5,680	8,779 1,542	12,956 1,059	11,289 422	599,625 552,862 8,386	2,000 1,059 —	18,859 5,854 —
108,010	70,687	315,030	40,017	175,239	25,721	1,212,702	16,766	33,717
—	657	198,243	2,287	397	—	180,467	—	299
—	—	—	—	—	—	—	—	—
—	12,379	76,050	23,216	—	8,169	89,330	—	1,982
—	13,036	274,293	25,503	397	8,169	269,797	—	2,281
271,946	230,327	2,989,643	568,060	252,850	171,345	3,623,073	59,269	33,508
792,242	674,672	7,643,427	1,177,186	858,802	626,011	11,957,362	124,163	142,522
10,000 2,211 7,192	42,833 23,617 9,612	1,758,000 147,860 24,925	109,000 32,565 20,077	60,390 29,558 6,541	116,140 24,834 14,885	1,355,900 457,842 333,246	— 2,949 153	9,959 4,341 371
19,403	76,062	1,930,785	161,642	96,489	155,859	2,146,988	3,102	14,671
271,946 —	230,327 —	2,989,643 —	568,060 —	252,850 —	171,345 —	3,623,073 (743)	59,269 —	33,508 —
271,946	230,327	2,989,643	568,060	252,850	171,345	3,622,330	59,269	33,508
68,460 —	40,608 —	667,800 —	84,045 —	93,262 —	73,860 —	1,375,553 —	4,628 —	25,041 —
424,148 8,285	320,755 6,920	1,917,084 138,115	363,439 —	365,160 51,041	224,947 —	4,812,491 —	57,164 —	69,302 —
500,893	368,283	2,722,999	447,484	509,463	298,807	6,188,044	61,792	94,343
792,242	674,672	7,643,427	1,177,186	858,802	626,011	11,957,362	124,163	142,522
335,250 18,747	217,463 14,750	1,926,657 63,957	393,262 2,528	314,725 12,604	273,569 8,303	3,741,249 310,774	34,942 1,651	46,989 917
353,997	232,213	1,990,614	395,790	327,329	281,872	4,052,023	36,593	47,906
235,641 —	152,909 —	1,216,432 —	253,568 —	234,442 —	170,582 —	2,498,000 —	27,419 —	30,769 —
14,783 37,390 5,321 23,981 —	8,713 19,593 5,411 15,256 —	204,604 168,560 154,712 131,589 —	45,614 43,425 9,687 23,310 —	13,521 21,585 10,176 17,709 —	26,842 32,453 16,415 20,836 —	450,831 547,134 145,039 356,343 —	761 2,519 — 2,957 —	2,425 4,582 2,808 2,502 —
317,116	201,882	1,875,897	375,604	297,433	267,128	3,997,347	33,656	43,086
36,881	30,331	114,717	20,186	29,896	14,744	54,676	2,937	4,820
2,187	1,349	7,801	2,195	1,610	1,820	26,540	281	336

Municipal Electrical Utilities Financial

Municipality	Sutton	Tara	Tavistock	Tecumseh	Teeswater	Terrace Bay Twp. 1,829
Population	1,564	586	1,323	4,905	926	
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	232,691	74,491	211,989	434,757	126,945	298,352
Less accumulated depreciation	36,704	17,817	78,741	149,002	31,956	86,846
Net fixed assets	195,987	56,674	133,248	285,755	94,989	211,506
CURRENT ASSETS						
Cash on hand and in bank	17,938	4,358	9,282	32,013	12,320	15,486
Investments—short term	—	—	15,000	—	—	40,000
—long term	17,500	8,000	—	—	15,500	—
Accounts receivable (net)	6,334	1,453	538	29,508	673	922
Other	—	600	—	—	—	493
Total current assets	41,772	14,411	24,820	61,521	28,493	56,901
OTHER ASSETS						
Inventories	474	1,261	329	19,353	117	—
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	14,562	805	—	3,129	—	—
Total other assets	15,036	2,066	329	22,482	117	—
Equity in Ontario Hydro	166,445	65,431	219,048	223,491	104,363	147,069
Total	419,240	138,582	377,445	593,249	227,962	415,476
LIABILITIES						
Debentures outstanding	—	—	7,437	53,400	—	7,800
Current liabilities	11,051	5,832	7,519	30,654	4,843	177
Other liabilities	5,439	346	—	2,722	193	—
Total liabilities	16,490	6,178	14,956	86,776	5,036	7,977
RESERVES						
Equity in Ontario Hydro	166,445	65,431	219,048	223,491	104,363	147,069
Other reserves	—	—	—	—	—	—
Total reserves	166,445	65,431	219,048	223,491	104,363	147,069
CAPITAL						
Debentures redeemed	26,000	14,264	27,848	27,600	21,296	70,200
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	182,508	52,709	115,593	247,864	97,267	189,297
Contributed capital	27,797	—	—	7,518	—	933
Total capital	236,305	66,973	143,441	282,982	118,563	260,430
Total	419,240	138,582	377,445	593,249	227,962	415,476
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	132,396	49,933	75,141	208,046	67,998	94,371
Miscellaneous	3,081	1,310	4,689	9,276	834	5,516
Total revenue	135,477	51,243	79,830	217,322	68,832	99,887
EXPENSE						
Power purchased	88,610	38,681	59,417	132,037	46,555	72,848
Local generation	—	—	—	—	—	—
Operation and maintenance	6,984	3,756	5,978	29,276	2,352	7,791
Administration	17,573	1,521	5,965	28,367	3,822	9,808
Financial	—	—	2,258	5,532	—	4,339
Depreciation	6,205	2,640	7,391	12,266	3,992	8,359
Other	—	—	—	—	—	—
Total expense	119,372	46,598	81,009	207,478	56,721	103,145
Net income <i>net expense</i>	16,105	4,645	1,179	9,844	12,111	3,258
Number of customers	976	273	541	1,476	392	468

Statements for the Year Ended December 31, 1968

Thamesford 1,468	Thamesville 1,056	Thedford 717	Thessalon 1,625	Thornbury 1,151	Thorndale 414	Thornton 315	Thorold 8,842	Tilbury 3,449
179,326 53,346	175,007 61,584	93,743 23,600	223,483 51,647	188,660 31,222	50,060 23,453	29,222 11,862	990,862 257,274	441,893 139,910
125,980	113,423	70,143	171,836	157,438	26,607	17,360	733,588	301,983
16,357 —	3,588 5,009	1,009 —	20,626 15,000	6,066 —	14,723 —	4,031 —	7,919 270,804	6,340 —
10,000 71 —	3,911 767 —	8,000 1,275 —	— 1,337 —	— 14,353 1,007	— 3,000 520 735	— — 683 —	— — 35,223 601	— — 8,428 —
26,428	13,275	10,284	36,963	21,426	18,978	4,714	314,547	14,768
30 — 69	321 — 306	29 — —	260 — 4,884	4,533 — 5,142	— — 735	— — —	39,202 — 824	1,464 — 475
99 112,200	627 119,844	29 72,630	5,144 41,027	9,675 73,910	735 42,280	— 21 128	40,026 1,267,373	1,939 326,036
264,707	247,169	153,086	254,970	262,449	88,600	43,202	2,355,534	644,726
600 7,360 2,962	7,200 4,771 1,143	— 2,736 278	29,000 15,142 2,115	8,400 7,583 329	— 3,366 232	— 1,033 60	41,620 35,522 10,058	13,000 25,486 45,587
10,922	13,114	3,014	46,257	16,312	3,598	1,093	87,200	84,073
112,200 —	119,844 —	72,630 —	41,027 —	73,910 —	42,280 —	21,128 —	1,267,373 —	326,036 —
112,200	119,844	72,630	41,027	73,910	42,280	21,128	1,267,373	326,036
7,758 —	11,988 —	16,500 —	36,000 —	77,600 —	3,086 —	7,200 —	85,982 —	51,000 —
130,807 3,020	96,443 5,780	60,386 556	131,686 —	94,627 —	39,636 —	13,781 —	875,181 39,798	178,526 5,091
141,585	114,211	77,442	167,686	172,227	42,722	20,981	1,000,961	234,617
264,707	247,169	153,086	254,970	262,449	88,600	43,202	2,355,534	644,726
85,785 5,297	67,739 2,154	40,088 1,109	99,777 2,698	95,318 2,161	20,392 1,514	10,177 —	486,641 23,723	197,745 5,878
91,082	69,893	41,197	102,475	97,479	21,906	10,177	510,364	203,623
62,792 —	48,162 —	28,490 —	51,930 —	62,365 —	11,939 —	7,247 —	270,516 —	131,463 —
3,496 6,994 226 7,348 —	5,905 9,457 1,194 5,756 —	5,054 3,447 — 3,093 —	8,055 14,090 4,944 5,845 —	10,423 10,277 2,284 6,101 —	2,511 2,349 — 2,259 —	367 960 — 1,022 —	59,344 56,319 9,395 26,970 —	25,047 24,925 4,636 11,770 —
80,856	70,474	40,084	84,864	91,450	19,058	9,596	422,544	197,841
10,226	581	1,113	17,611	6,029	2,848	581	87,820	5,782
463	450	309	581	596	156	109	2,646	1,336

Municipal Electrical Utilities Financial

Municipality	Tillsonburg	Toronto	Tottenham	Trenton	Tweed	Uxbridge
Population	6,550	671,699	909	13,950	1,670	2,685
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	1,097,967	127,224,965	75,359	2,133,385	217,283	339,074
Less accumulated depreciation	266,308	40,699,685	24,311	692,036	71,489	90,216
Net fixed assets	831,659	86,525,280	51,048	1,441,349	145,794	248,858
CURRENT ASSETS						
Cash on hand and in bank	40,246	265,721	4,611	87,148	13,184	27,538
In vestments—short term	150,000	8,700,000	—	—	—	20,000
—long term	—	814,487	2,000	10,000	11,000	2,923
Accounts receivable (net)	10,779	6,191,726	2,680	53,508	1,162	12,931
Other	—	62,751	—	—	—	—
Total current assets	201,025	16,034,685	9,291	150,656	25,346	63,392
OTHER ASSETS						
Inventories	34,489	2,382,495	222	72,627	—	—
Sinking fund on debentures	—	3,280,274	—	—	—	—
Miscellaneous assets	1,732	7,415,156	241	632	—	337
Total other assets	36,221	13,077,925	463	73,259	—	337
Equity in Ontario Hydro	655,645	114,031,638	69,227	1,578,917	144,916	224,735
Total	1,724,550	229,669,528	130,029	3,244,181	316,056	537,322
LIABILITIES						
Debentures outstanding	23,400	10,526,050	—	99,000	—	71,400
Current liabilities	56,501	5,659,085	2,566	86,581	8,791	22,750
Other liabilities	22,740	1,333,000	655	16,245	683	3,571
Total liabilities	102,641	17,518,135	3,221	201,826	9,474	97,721
RESERVES						
Equity in Ontario Hydro	655,645	114,031,638	69,227	1,578,917	144,916	224,735
Other reserves	—	305,000	—	—	—	—
Total reserves	655,645	114,336,638	69,227	1,578,917	144,916	224,735
CAPITAL						
Debentures redeemed	182,543	35,007,301	21,435	215,587	19,000	18,880
Sinking fund debentures	—	3,280,274	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	777,652	56,591,964	36,146	1,130,338	142,666	195,986
Contributed capital	6,069	2,935,216	—	117,513	—	—
Total capital	966,264	97,814,755	57,581	1,463,438	161,666	214,866
Total	1,724,550	229,669,528	130,029	3,244,181	316,056	537,322
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	481,280	54,667,265	31,283	990,616	97,155	191,638
Miscellaneous	22,931	1,781,792	1,720	43,417	4,519	9,689
Total revenue	504,211	56,449,057	33,003	1,034,033	101,674	201,327
EXPENSE						
Power purchased	325,104	35,940,541	22,894	789,900	77,964	135,618
Local generation	—	—	—	—	—	—
Operation and maintenance	48,184	6,664,017	2,610	49,962	5,604	7,838
Administration	45,665	6,081,604	5,435	76,351	6,646	18,451
Financial	9,020	1,183,276	—	19,160	—	6,333
Depreciation	30,062	3,340,374	2,542	75,591	8,161	11,173
Other	—	—	—	—	—	—
Total expense	458,035	53,209,812	33,481	1,010,964	98,375	179,413
Net income net expense	46,176	3,239,245	478	23,069	3,299	21,914
Number of customers	2,708	231,092	373	4,869	687	1,058

Statements for the Year Ended December 31, 1968

Vankleek Hill 1,684	Vaughan Twp. 18,436	Victoria Harbour 1,076	Walkerton 4,248	Wallaceburg 10,854	Wardsville 336	Warkworth 560	Wasaga Beach 1,235	Waterdown 2,143
177,572 66,636	3,274,308 806,466	123,998 28,536	487,847 130,718	1,474,501 542,136	50,676 14,441	73,151 23,792	251,084 86,090	244,769 72,240
110,936	2,467,842	95,462	357,129	932,365	36,235	49,359	164,994	172,529
5,110	82,719	394	23,336	325	2,853	6,021	18,687	9,409
30,000	—	—	6,000	—	1,500	—	—	—
31	581,302	10,976	12,870	51,074	190	154	2,316	4,448
—	174	—	—	—	—	—	—	—
35,141	664,195	11,370	42,206	51,399	4,543	6,175	21,003	13,857
—	47,871	1,021	14,993	69,712	—	—	71	—
—	—	—	—	—	—	—	—	—
2,695	120,528	98	—	2,318	—	—	2,864	642
2,695	168,399	1,119	14,993	72,030	—	—	2,935	642
45,205	—	51,347	356,141	1,546,260	29,056	39,210	54,295	138,985
193,977	3,300,436	159,298	770,469	2,602,054	69,834	94,744	243,227	326,013
15,500	2,750,000	2,300	—	75,000	—	4,957	14,000	11,000
10,110	645,957	27,853	22,774	130,867	1,538	1,795	4,972	8,217
—	114,198	230	5,064	29,663	139	279	221	890
25,610	3,510,155	30,383	27,838	235,530	1,677	7,031	19,193	20,107
45,205	—	51,347	356,141	1,546,260	29,056	39,210	54,295	138,985
—	—	—	—	—	—	—	—	—
45,205	—	51,347	356,141	1,546,260	29,056	39,210	54,295	138,985
30,500	—	16,579	56,749	71,537	7,563	9,816	96,000	26,632
—	—	—	—	—	—	—	—	—
92,662	(209,719)	60,189	329,741	748,727	28,548	33,204	73,068	129,103
—	—	800	—	—	2,990	5,483	671	11,186
123,162	(209,719)	77,568	386,490	820,264	39,101	48,503	169,739	166,921
193,977	3,300,436	159,298	770,469	2,602,054	69,834	94,744	243,227	326,013
64,875	1,411,382	52,009	275,659	1,075,424	16,503	26,953	89,946	102,771
4,188	39,369	126	9,302	5,545	469	914	2,883	3,356
69,063	1,450,751	52,135	284,961	1,080,969	16,972	27,867	92,829	106,127
54,486	1,107,681	34,634	217,898	876,667	10,072	18,036	53,435	71,328
—	—	—	—	—	—	—	—	—
3,907	46,431	3,222	16,983	62,737	2,501	1,460	7,767	9,322
6,610	136,043	6,190	21,573	95,655	1,164	3,484	16,353	9,297
3,506	247,213	2,039	—	5,840	—	642	3,408	2,949
7,169	123,103	3,322	17,805	44,349	1,686	2,850	7,143	9,261
—	—	—	—	—	—	—	—	—
75,678	1,660,471	49,407	274,259	1,085,248	15,423	26,472	88,106	102,157
6,615	(209,720)	2,728	10,702	4,279	1,549	1,395	4,723	3,970
594	5,692	578	1,531	3,682	170	251	941	639

Municipal Electrical Utilities Financial

Municipality	Waterford	Waterloo	Watford	Waubau- shene	Webbwood	Welland
Population	2,460	32,527	1,261	1,500	610	40,315
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	233,512	5,434,029	143,920	80,466	52,950	4,873,044
Less accumulated depreciation	60,011	1,109,608	51,075	19,590	13,646	1,536,274
Net fixed assets	173,501	4,324,421	92,845	60,876	39,304	3,336,770
CURRENT ASSETS						
Cash on hand and in bank	34,457	—	2,576	733	7,924	130,000
Investments—short term	20,000	160,000	26,000	—	2,500	150,000
—long term	—	—	7,078	—	2,500	—
Accounts receivable (net)	824	289,548	6,039	2,896	914	60,503
Other	165	1,658	90	3	—	1,111
Total current assets	55,446	451,206	41,783	3,632	13,838	341,614
OTHER ASSETS						
Inventories	415	193,404	898	270	271	94,612
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	30,480	—	—	3,677	15,820
Total other assets	415	223,884	898	270	3,948	110,432
Equity in Ontario Hydro	190,878	2,249,449	189,993	43,642	9,798	2,953,305
Total	420,240	7,248,960	325,519	108,420	66,888	6,742,121
LIABILITIES						
Debentures outstanding	21,300	1,534,000	—	—	12,861	1,101,500
Current liabilities	10,629	237,557	8,018	2,193	2,025	213,140
Other liabilities	3,250	74,835	868	36	595	17,842
Total liabilities	35,179	1,846,392	8,886	2,229	15,481	1,332,482
RESERVES						
Equity in Ontario Hydro	190,878	2,249,449	189,993	43,642	9,798	2,953,305
Other reserves	—	—	—	—	—	—
Total reserves	190,878	2,249,449	189,993	43,642	9,798	2,953,305
CAPITAL						
Debentures redeemed	—	985,262	9,056	3,242	17,139	777,351
Sinking fund debentures	20,823	—	—	—	—	—
Accumulated net income invested in plant or held as working funds ..	168,929	1,794,629	117,584	59,307	24,470	1,624,232
Contributed capital	4,431	373,228	—	—	—	54,751
Total capital	194,183	3,153,119	126,640	62,549	41,609	2,456,334
Total	420,240	7,248,960	325,519	108,420	66,888	6,742,121
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	132,557	2,666,627	109,309	31,215	19,768	2,390,703
Miscellaneous	3,360	39,527	2,938	1,173	651	41,533
Total revenue	135,917	2,706,154	112,247	32,388	20,419	2,432,236
EXPENSE						
Power purchased	83,847	1,708,231	80,943	21,910	10,546	1,646,764
Local generation	—	—	—	—	—	—
Operation and maintenance	20,194	160,419	5,579	6,872	2,051	165,733
Administration	11,062	204,330	14,391	2,796	2,769	207,524
Financial	2,845	198,239	—	—	2,621	134,398
Depreciation	6,106	136,878	4,147	2,347	1,539	139,760
Other	—	—	—	—	—	—
Total expense	124,054	2,408,097	105,060	33,925	19,526	2,294,179
Net income net expense	11,863	298,057	7,187	1,537	893	138,057
Number of customers	889	8,617	575	476	155	12,023

Statements for the Year Ended December 31, 1968

Wellesley 793	Wellington 874	West Lorne 980	Westport 601	Wheatley 1,595	Whitby 23,562	Warton 1,970	Williams- burg 322	Winchester 1,468
90,457 19,497	104,698 42,927	153,055 65,400	62,431 13,054	243,990 56,973	3,343,479 809,728	242,040 72,386	31,906 14,804	159,684 53,391
70,960	61,771	87,655	49,377	187,017	2,533,751	169,654	17,102	106,293
2,436 —	15,808 —	16,863 20,000	11,378 —	5,227 15,000	12,908 —	19,214 —	14,272 —	38,761 —
9,000 094 —	17,000 30 18	30,000 3,497 100	3,500 67 45	— 1,186 —	— 49,601 —	15,000 2,792 —	5,000 276 —	— 1,092 1,265
11,530	32,856	70,460	14,990	21,413	62,509	37,006	19,548	41,118
—	650	47	—	1,177	77,010	6,417	—	—
—	—	—	—	—	—	—	—	—
—	—	3,542	—	369	10,198	—	—	2,086
—	650	3,589	—	1,546	87,208	6,417	—	2,086
73,570	96,308	171,539	55,259	127,356	1,011,147	181,017	41,089	170,117
156,060	191,585	333,243	119,626	337,332	3,694,615	394,094	77,739	319,614
1,000 3,169 390	— 3,022 724	— 5,760 302	— 2,558 433	— 5,116 828	167,000 1,176,040 35,799	— 8,086 142	— 1,372 444	— 8,965 144
4,559	3,746	6,062	2,991	5,944	1,378,839	8,228	1,816	9,109
73,570 —	96,308 —	171,539 —	55,259 —	127,356 —	1,011,147 —	181,017 —	41,089 —	170,117 —
73,570	96,308	171,539	55,259	127,356	1,011,147	181,017	41,089	170,117
11,428 —	13,816 —	8,000 —	15,000 —	52,000 —	368,693 —	37,400 —	2,750 —	29,162 —
65,348 1,155	68,223 9,492	147,642 —	46,299 77	150,482 1,550	911,984 23,952	167,449 —	32,084 —	111,226 —
77,931	91,531	155,642	61,376	204,032	1,304,629	204,849	34,834	140,388
156,060	191,585	333,243	119,626	337,332	3,694,615	394,094	77,739	319,614
38,914 1,111	44,238 2,728	86,635 8,134	32,274 726	79,237 1,601	1,277,621 55,308	115,152 6,010	17,075 348	114,845 960
40,025	46,966	94,769	33,000	80,838	1,332,929	121,162	17,423	115,805
28,691 —	31,904 —	62,114 —	23,357 —	48,800 —	941,110 —	80,040 —	11,897 —	96,550 —
2,954 3,720 497 2,840 —	3,883 4,154 — 4,257 —	5,987 12,264 — 5,936 —	1,000 4,037 — 1,674 —	5,951 9,777 2,708 6,702 —	94,066 107,561 80,455 107,369 —	13,181 9,768 — 9,351 —	676 1,669 — 1,182 —	3,249 9,471 — 5,093 —
38,702	44,198	86,301	30,068	73,938	1,330,561	112,340	15,424	114,363
1,323	2,768	8,468	2,932	6,900	2,368	8,822	1,999	1,442
315	487	468	303	582	6,756	857	146	595

Municipal Electrical Utilities Financial

Municipality	Windermere	Windsor	Wingham	Woodbridge	Woodstock	Woodville
Population	111	193,004	2,865	2,411	24,626	421
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost	46,487	25,015,321	464,770	221,104	3,809,502	58,279
Less accumulated depreciation	11,862	8,122,760	180,501	99,095	1,178,446	15,064
Net fixed assets	34,625	16,892,561	284,269	122,009	2,631,056	43,215
CURRENT ASSETS						
Cash on hand and in bank	5,567	2,635	21,445	27,716	146,337	1,721
Investments—short term	—	—	—	75,000	—	—
—long term	5,000	1,305,166	59,648	24,775	—	6,000
Accounts receivable (net)	562	1,237,279	4,219	2,590	19,180	1,310
Other	—	15,009	1,109	2,375	2,959	—
Total current assets	11,129	2,560,089	86,421	132,456	168,476	9,031
OTHER ASSETS						
Inventories	—	483,045	12,951	—	124,207	—
Sinking fund on debentures	—	—	—	—	—	—
Miscellaneous assets	—	85,704	2,797	18,996	—	—
Total other assets	—	568,749	15,748	18,996	124,207	—
Equity in Ontario Hydro	23,671	18,912,848	349,103	285,914	2,814,642	39,658
Total	69,425	38,934,247	735,541	559,375	5,738,381	91,904
LIABILITIES						
Debentures outstanding	—	1,132,580	—	—	—	—
Current liabilities	821	1,340,657	15,329	1,914	149,005	1,475
Other liabilities	—	647,470	4,011	6,708	41,785	27
Total liabilities	821	3,120,707	19,340	8,622	190,790	1,502
RESERVES						
Equity in Ontario Hydro	23,671	18,912,848	349,103	285,914	2,814,642	39,658
Other reserves	—	208,981	—	—	—	—
Total reserves	23,671	19,121,829	349,103	285,914	2,814,642	39,658
CAPITAL						
Debentures redeemed	11,238	3,805,827	81,155	23,835	429,776	5,248
Sinking fund debentures	—	—	—	—	—	—
Accumulated net income invested in plant or held as working funds	33,695	12,806,183	285,943	238,520	2,198,878	45,496
Contributed capital	—	79,701	—	2,484	104,295	—
Total capital	44,933	16,691,711	367,098	264,839	2,732,949	50,744
Total	69,425	38,934,247	735,541	559,375	5,738,381	91,904
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	13,746	11,713,264	203,726	138,756	1,908,690	18,603
Miscellaneous	479	163,689	9,322	11,256	50,368	967
Total revenue	14,225	11,876,953	213,048	150,012	1,959,058	19,570
EXPENSE						
Power purchased	8,452	7,913,093	154,098	110,664	1,430,472	12,420
Local generation	—	—	—	—	—	—
Operation and maintenance	937	1,271,806	15,849	4,660	141,856	2,447
Administration	880	1,004,118	18,282	17,507	123,609	1,860
Financial	—	237,930	—	—	536	—
Depreciation	1,428	685,203	14,138	10,468	119,006	2,142
Other	—	—	—	—	—	—
Total expense	11,697	11,112,150	202,367	143,299	1,815,479	18,869
Net income <i>net expense</i>	2,528	764,803	10,681	6,713	143,579	701
Number of customers	140	60,151	1,183	810	8,258	199

Statements for the Year Ended December 31, 1968

Wyoming 1,048	York 139,052	Zurich 728	Summary All Regions	
119,643 40,035	12,992,533 4,383,197	92,763 15,242	759,163,167 200,212,484	
79,608	8,609,336	77,521	558,950,683	
2,529	242,980	17,954	11,554,954	
—	900,000	—	27,957,092	
9,295	704,000	—	8,252,468	
312	573,909	453	27,549,947	
38	6,257	—	1,488,012	
12,174	2,427,146	18,407	76,802,473	
238	174,292	—	15,883,122	
—	77,266	—	11,969,393	
—	365,406	—	11,696,011	
238	616,964	—	39,548,526	
63,178	8,997,645	75,734	464,803,659	
155,198	20,651,091	171,662	1,140,105,341	
—	103,413	—	108,216,271	
9,526	727,948	3,072	40,797,753	
511	548,194	333	13,611,744	
10,037	1,379,555	3,405	162,625,768	
63,178	8,997,645	75,734	464,803,659	
—	—	—	1,338,735	
63,178	8,997,645	75,734	466,142,394	
9,700	688,123	5,592	116,735,092	
—	77,266	—	11,969,393	
71,552	9,461,169	86,931	355,282,175	
731	47,333	—	27,350,519	
81,983	10,273,891	92,523	511,337,179	
155,198	20,651,091	171,662	1,140,105,341	
55,052	5,839,458	46,325	355,980,197	
1,492	414,452	1,003	10,952,677	
56,544	6,253,910	47,328	366,932,874	
40,551	4,336,660	27,229	252,555,717	
—	—	—	749,020	
3,018	334,095	4,934	28,713,279	
3,536	759,204	6,217	29,316,059	
—	24,285	—	13,359,494	
3,969	463,182	2,346	22,018,755	
—	—	—	67,422	
51,074	5,917,426	40,726	346,779,746	
5,470	336,484	6,602	20,153,128	
431	45,866	327	1,709,111	

STATEMENT C

Statement C is the schedule of retail rates for service by the municipal distribution systems receiving power from the Commission. Accounts are calculated either at net rates (marked N in the schedule) or are subject to a prompt-payment discount, for the most part at 10 per cent.

Rates Schedules in Effect

Under normal or standard residential service, charges are calculated on specified blocks of kilowatt-hours per month at designated rates for each block. The account rendered is subject to a minimum monthly charge. For comparative purposes net monthly bills are shown for metered energy consumptions of 250, 500, and 750 kilowatt-hours, subject to the qualifications in the following paragraph.

Water-heating service may be provided either at a special flat-rate monthly charge, or through the regular metered service. The net monthly bills are calculated in Statement C at metered rates. A "w" opposite the rate of the third block of 500 kilowatt-hours for certain municipalities indicates that that block is available only to customers with an approved water heater supplied through the regular service meter. In these municipalities flat-rate service for water heating is not generally available to new applicants for residential service. House-heating energy may be segregated from the standard service and billed at a separate house-heating rate, or, as indicated in the table, it may be optionally included with the normal household service and billed at the regular residential rate. Where a low all-electric rate is in effect, house-heating energy would, of course, be included with the water-heating and basic household energy, the entire service being billed at this special rate.

Commercial rates are applicable to all electrical service supplied to stores, offices, churches, schools, public buildings, institutions, hospitals, hotels, restaurants, service stations, and other premises used for commercial purposes. The commercial rates are also used for billing sign and display lighting. In many municipalities, commercial-type customers having connected loads of under five kilowatts are billed at residential rates. Rates for industrial power service to customers of the municipal systems provide for 24-hour unrestricted delivery at secondary distribution voltage. These rates, however, are not applicable to the Commission's direct industrial customers.

Commercial and industrial power service bills are based on a monthly demand rate (with a minimum for commercial service) applied to the customer's billing demand, plus energy charges for specified blocks of kilowatt-hours used, the size of the blocks varying in according with the customer's billing demand. All additional energy is billed at the end rate per kilowatt-hour.

The general rate introduced in 1966 applies both to commercial and to power service customers. The use of a descending block-energy rate, supplemented in its application to larger loads by a demand charge per kilowatt, permits flexibility in design, and enables customers to take advantage of the benefits of scale by using more energy at the lower block rates. At the same time, it results in a relatively smooth adjustment in charges over the whole range of customer loads. The introduction of the general rate, which is more readily understood by the customer, also contributes towards rate simplification by greatly reducing the number of rate classifications required.

The net monthly bills shown for commercial and industrial power service are calculated on the basis of a demand of one kilowatt for a use per month of 200 and 300 hours. The corresponding bill for a demand of 10 kilowatts would be ten times the amounts shown, for 20 kilowatts twenty times the amounts shown, and so on.

STATEMENT D

Statement D records revenue, consumption, number of customers, average consumption per customer, and average cost per kilowatt-hour for each of the three main classes of service in all the municipal systems served. The number of customers shown is the average of the numbers served at the end of the current and preceding years. The revenue and consumption from house heating and the use of flat-rate water heaters are included in the totals shown, the flat-rate water-heater kilowatt-hours being estimated on the basis of 16.8 hours' use per day.

The average cost per kilowatt-hour is the average cost to the customer, that is the average revenue per kilowatt-hour received by the utility. Such a statistical average does not represent the utility's actual cost of delivering one kilowatt-hour. However, a comparison of this average over a number of years is some indication of the trend of cost in any one municipality, and the trend in all municipal systems combined may be seen in the table on page 146 and the graphs on page 147. Other things being equal, the average cost per kilowatt-hour would rise with an increase in rates. The normal trend, however, is for consumption per customer to increase, and residential customers in particular are using an ever-widening variety of electrical appliances, including fast-recovery water heaters. This increased use, since it is billed at the lower rates usually applicable to higher-consumption blocks of kilowatt-hours, is frequently reflected in a lower average cost per kilowatt-hour.

For industrial power service customers, the relationship between demand (kilowatts required) and energy (kilowatt-hours of use) is an important factor in establishing the customer's average cost per kilowatt-hour. The use of the demand for only a few hours will result in a relatively small total bill but a high average cost per kilowatt-hour; the use of the same demand for several hours will increase the total bill but substantially reduce the average cost per kilowatt-hour. In other words, the average cost per kilowatt-hour varies inversely with the customer's load factor.

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

	RESIDENTIAL SERVICE												
	Flat-Rate Water Heating per 100 Watts or Schedule Number	House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
Acton	¢ No. 41	☐	1.1	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10
Ailsa Craig	45	☐	—	—	50	2.6	1.3	0.8	1.1	1.39	3.51	5.31	7.11
Ajax	N 10% 37	☐	3.0	1.0	50	3.5	1.7	—	1.0	2.00	5.15	7.65	10.15
Alexandria	N 5% 45		—	—	50	3.5	1.3	w0.7	1.0	2.00	4.35	6.10	7.85
Alfred	42	Small Commercial	1.2	1.1	50	4.0	2.0	—	1.1	2.00	6.00	8.75	11.50
			1.2	1.1	50	3.2	1.6	0.9	1.3	1.11	4.32	6.34	8.37
Alliston	40	1.1	1.1	1.1	60	3.1	—	—	1.0	1.11	3.38	5.63	7.88
Almonte	35	☐	—	—	50	2.8	1.4	w0.8	1.1	1.40	3.78	5.58	7.38
Alvinston	N 5% 45	☐	—	—	50	3.5	1.3	w0.7	1.0	1.75	4.35	6.10	7.85
Amherstburg	38	☐	1.1	1.1	50	3.0	1.4	0.8	1.1	1.67	3.87	5.67	7.47
Ancaster Twp.	43	—	1.1	1.1	50	4.2	2.1	w0.7	1.1	2.22	5.67	7.24	8.82
Apple Hill	N 5% —	☐	1.0	1.0	50	3.0	1.1	w0.8	1.0	1.50	3.70	5.70	7.70
Arkona	N 5% 45	☐	—	—	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65
Arnprior	37	1.2	1.1	1.1	50	2.6	1.3	—	0.8	1.39	3.51	5.31	7.11
Arthur	42	☐	—	—	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Athens	N 5% #41	☐	—	—	50	2.8	1.3	w0.7	1.0	1.50	4.00	5.75	7.50
Atikokan Twp.	N 5% 44	☐	4.0	1.0	50	4.0	2.0	w0.8	1.0	2.00	6.00	8.00	10.00
Aurora	37	1.1	1.1	1.1	50	3.0	1.5	0.8	1.1	1.50	4.05	5.85	7.65
Avonmore	40	☐	4.0	1.1	50	4.0	2.0	w0.8	1.1	2.00	5.40	7.20	9.00
Aylmer	36	☐	—	—	50	2.6	1.2	0.8	1.1	1.67	3.33	5.13	6.93
Ayr	44	1.1	1.1	1.1	60	2.9	—	—	1.0	1.11	3.28	5.53	7.78
Baden	N 5% 42	☐	—	—	50	2.8	1.4	w0.7	1.0	2.00	4.20	5.95	7.70
		Small Commercial	1.22	—	50	3.4	1.6	—	1.0	2.50	4.90	7.40	9.90
†Bala	41	1.22	—	—	50	4.4	2.2	w0.8	1.2	3.33	5.94	7.74	9.54
Bancroft	46	☐	1.1	1.1	50	3.5	1.4	w0.8	1.1	1.75	4.09	5.89	7.69
Barrie	38	☐	1.11	1.11	50	4.0	—	—	1.11	2.00	3.80	6.30	8.79
Barry's Bay	N 5% #45	☐/z1.0	—	—	50	3.0	1.5	w0.7	1.0	1.75	4.50	6.25	8.00
		Small Commercial	1.1	1.1	50	3.5	1.7	—	1.2	1.75	5.15	8.15	11.15
Bath	N 5% 39	☐	1.0	1.0	50	3.5	1.1	w0.7	1.0	1.75	3.95	5.70	7.45
Beachburg	39	☐	1.1	1.1	50	4.0	1.8	w0.7	1.1	2.22	5.04	6.61	8.19
Beachville	42	☐	—	—	50	2.8	1.4	0.7	1.1	1.67	3.78	5.35	6.93
Beamsville	43	☐	1.1	1.1	50	3.4	1.7	w0.8	1.1	1.75	4.59	6.39	8.19
†Beardmore	45	☐	3.4	1.2	50	4.0	2.0	w0.9	1.2	2.22	5.40	7.42	9.45
Beaverton	40	☐	—	—	50	2.6	1.3	0.7	1.1	1.39	3.51	5.08	6.66
Beeton	40	☐	—	—	50	3.2	1.1	w0.7	1.1	1.67	3.42	4.99	6.57
Belle River	42	☐	1.1	1.1	50	3.6	1.8	w0.8	1.1	2.22	4.86	6.66	8.46
Belleville	32	☐	1.1	1.1	50	3.2	1.3	w0.8	1.1	1.95	3.78	5.58	7.38
Belmont	N 5% 44	☐	1.0	1.0	50	4.0	1.4	w0.7	1.0	2.00	4.80	6.55	8.30
Blenheim	44	1.1	—	—	50	3.0	1.5	—	0.9	1.11	4.05	6.07	8.10
†Blind River	45	1.22	—	—	50	3.8	1.9	w0.8	1.1	1.39	5.13	6.93	8.73
Bloomfield	42	☐	—	—	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Blyth	45	☐	—	—	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Bobcaygeon	42	☐	1.2	1.2	50	4.0	1.7	w0.8	1.2	2.22	4.86	6.66	8.46

MUNICIPAL ELECTRICAL SERVICE

December 31, 1968

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE									
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per Kilowatt 50 Cents Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand			Net Monthly Bill for Use of 1 Kw of Demand					
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block	Second Block	All Addi- tional Hours						
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		Hours' Use 50 100	Hours' Use 50 100		200 Hours	300 Hours				
—	—	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	\$	\$			
—	—	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	—	2.1	—	0.5	0.33	3.24	3.54	
—	—	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.6	—	0.5	0.33	2.79	3.09	
1.2	1.35	1.35	°2.3	0.7	0.45	3.50	3.95	1.00	—	1.5	—	0.5	0.35	3.00	3.35	
—	1.35	General Rate (see notes)						General Rate (see notes)								
1.3	1.5	—	°2.6	0.8	0.5	3.51	3.96	1.00	—	2.0	—	0.5	0.33	3.15	3.45	
—	1.5	—	2.6	—	1.0	3.69	4.59	1.20	1.9	—	1.3	—	0.30	2.79	3.06	
1.1	1.5	—	°2.0	0.8	0.5	2.97	3.42	1.00	—	1.2	—	0.5	0.33	2.43	2.73	
—	1.5	General Rate (see notes)						General Rate (see notes)								
1.1	1.5	—	°2.5	0.8	0.5	3.42	3.87	1.00	—	2.0	—	0.5	0.33	3.15	3.45	
1.1	1.5	—	°3.6	0.8	0.5	4.41	4.86	1.00	—	2.7	—	0.5	0.33	3.78	4.08	
—	1.5	General Rate (see notes)						General Rate (see notes)								
1.0	1.5	—	General Rate (see notes)	°2.1	0.8	0.5	3.06	3.51	1.00	—	1.6	—	0.5	0.33	2.79	3.09
1.1	1.5	—	General Rate (see notes)	°2.5	0.8	0.5	3.42	3.87	1.00	—	1.8	—	0.5	0.33	2.97	3.27
—	1.5	General Rate (see notes)						General Rate (see notes)								
1.35	1.35	—	°3.3	0.7	0.45	4.50	4.95	1.00	—	2.2	—	0.5	0.30	3.70	4.00	
—	1.5	—	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.7	—	0.5	0.33	2.88	3.18	
—	1.5	—	°3.0	0.8	0.5	3.87	4.32	1.00	—	2.0	—	0.5	0.33	3.15	3.45	
1.1	1.5	—	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.7	—	0.5	0.33	2.88	3.18	
—	1.5	—	2.4	—	0.9	3.42	4.23	1.20	2.1	—	1.4	—	0.30	2.92	3.19	
—	1.35	—	2.2	0.8	0.5	3.50	4.00	1.00	—	1.7	—	0.5	0.35	3.20	3.55	
1.6	1.5	—	4.2	0.8	0.5	4.95	5.40	1.00	—	2.7	—	0.5	0.33	3.78	4.08	
1.1	1.5	—	°2.8	0.8	0.5	3.69	4.14	1.00	—	1.9	—	0.5	0.33	3.06	3.36	
1.11	1.5	—	2.0	—	0.8	2.97	3.69	General Rate (see notes)								
—	1.35	—	2.0	0.7	0.45	3.20	3.65	1.00	—	1.5	—	0.5	0.35	3.00	3.35	
—	1.5	General Rate (see notes)						General Rate (see notes)								
—	1.5	—	°2.5	0.8	0.5	3.42	3.87	1.00	—	2.0	—	0.5	0.33	3.15	3.45	
—	1.5	—	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.7	—	0.5	0.33	2.88	3.18	
1.5	1.5	—	°2.8	0.8	0.5	3.69	4.14	1.00	—	2.0	—	0.5	0.33	3.15	3.45	
1.2	1.5	—	°3.7	0.8	0.5	4.50	4.95	1.00	—	2.8	—	0.5	0.33	3.87	4.17	
—	1.5	—	°2.1	0.8	0.5	3.06	3.51	1.00	—	1.6	—	0.5	0.33	2.79	3.09	
1.5	1.5	—	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.7	—	0.5	0.33	2.88	3.18	
—	1.5	—	°3.0	0.8	0.5	3.87	4.32	1.00	—	2.2	—	0.5	0.33	3.33	3.63	
1.22	1.5	—	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.6	—	0.5	0.33	2.79	3.09	
—	1.35	—	°2.6	0.7	0.45	3.80	4.25	1.00	—	2.1	—	0.5	0.30	3.60	3.90	
1.2	1.5	—	°2.7	0.8	0.5	3.60	4.05	1.00	—	2.2	—	0.5	0.33	3.33	3.63	
1.1	1.5	—	°3.6	0.8	0.5	4.41	4.86	1.00	—	2.7	—	0.5	0.33	3.78	4.08	
—	1.5	—	°2.1	0.8	0.5	3.06	3.51	1.00	—	1.6	—	0.5	0.33	2.79	3.09	
—	1.5	—	°2.5	0.8	0.5	3.42	3.87	1.00	—	2.0	—	0.5	0.33	3.15	3.45	
1.5	1.5	—	°3.3	0.8	0.5	4.14	4.59	1.00	—	2.6	—	0.5	0.33	3.69	3.99	

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

RESIDENTIAL SERVICE													
	Flat-Rate Water Heating per 100 Watts or Schedule Number	House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Bolton N 5%	- 45	☑	-	-	50	4.0	2.0	w0.8	1.0	2.00	6.00	8.00	10.00
Bothwell N 5%	- 45	☐	-	-	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65
Bowmanville	- 35	-	1.1	1.1	50	3.0	1.2	w0.7	1.1	1.50	3.51	5.08	6.66
Bracebridge	- 39	☐	-	-	60	3.0	-	-	1.2	0.83	3.67	6.37	9.07
Bradford	40	☑	-	-	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38
Braeside	- 36	☑	1.1	1.1	50	2.6	1.3	-	1.1	0.83	3.51	5.98	8.46
Brampton N 10%	- 40	☑	4.2	1.0	50	5.0	1.8	w0.7	1.0	2.50	6.10	7.85	9.60
		Small Commercial			50	5.0	2.0	-	1.2	2.50	6.50	9.50	12.50
Brantford N 5%	- 41	☐	1.0	1.0	50	3.6	1.2	w0.7	1.0	1.50	4.20	5.95	7.70
§§ Brantford Twp. N 5%	- 42	☑	4.0	1.0	50	4.0	2.0	w0.7	1.0	2.00	6.00	7.75	9.50
		Small Commercial			50	4.4	2.2	-	1.0	2.00	6.60	9.10	11.60
Brechin	- 40	☑	-	-	50	2.2	1.1	0.7	1.1	1.11	2.97	4.54	6.12
Bridgeport N 5%	- 45	☐	5.0	1.0	50	5.0	1.8	w0.8	1.0	2.50	6.10	8.10	10.10
		Small Commercial			50	5.0	1.8	-	1.0	2.50	6.10	8.60	11.10
Bridgen	- 45	☐	-	-	50	2.6	1.1	w0.7	1.1	1.11	3.15	4.72	6.30
Brighton	- 42	1.1	-	-	50	3.0	1.4	w0.7	1.0	1.50	3.87	5.44	7.02
Brockville N 5%	42	☐	3.0	1.0	50	4.0	1.4	w0.8	1.0	2.00	4.80	6.80	8.80
Brussels	- 45	☐	1.2	1.2	50	3.2	1.6	0.9	1.3	1.39	4.32	6.34	8.37
Burford N 5%	- 43	☐	1.0	1.0	50	3.6	1.8	w0.7	1.0	1.50	5.40	7.15	8.90
Burgessville	- 43	☑	1.1	1.1	50	4.0	1.1	w0.8	1.1	2.00	3.78	5.58	7.38
Burk's Falls	- 45	☐	1.1	1.1	50	3.4	1.4	w0.9	1.1	1.67	4.05	6.07	8.10
§§ Burlington N 5%	- 42	☐	-	-	50	4.0	2.0	w0.7	1.0	2.00	6.00	7.75	9.50
		Small Commercial			50	4.0	2.0	-	1.2	2.25	6.00	9.00	12.00
Cache Bay	- 43	☐	-	-	50	3.0	1.3	w0.8	1.1	1.67	3.69	5.49	7.29
§ Caledonia N 5%	- 45	☐	-	-	50	3.0	1.5	w0.7	1.0	2.00	4.50	6.25	8.00
Campbellford	- 35	☑	-	-	50	1.7	1.1	0.5	1.0	1.67	2.74	3.87	4.99
Campbellville N 10%	- 45	-	1.0	1.0	50	3.5	1.5	w0.7	1.0	1.75	4.75	6.50	8.25
Canmington	- 42	☑	-	-	50	3.1	1.1	w0.7	1.1	1.67	3.37	4.95	6.52
§ Capreol N 10%	- 45	☑	-	-	50	3.5	1.3	w0.8	1.1	2.25	4.35	6.35	8.35
		Small Commercial			50	4.0	1.5	-	1.2	2.25	5.00	8.00	11.00
Cardinal	- 40	☐	-	-	50	2.6	1.3	w0.8	1.1	1.30	3.51	5.31	7.11
Carleton Place	- 39	☑	-	-	50	3.2	1.6	-	1.1	1.11	4.32	6.79	9.27
Casselman N 5%	- 38	☑	1.0	1.0	50	3.0	1.3	w0.7	1.0	1.50	4.10	5.85	7.60
Cayuga	- 45	☐	1.1	1.1	50	3.4	1.7	0.8	1.1	2.00	4.59	6.39	8.19
Chalk River N 5%	- -	☐ /z1.0	3.0	1.0	50	4.0	1.7	w0.7	1.0	2.00	5.40	7.15	8.90
Chapleau Twp. N 5%	- 45	☑	6.0	1.1	50	5.0	2.0	w0.9	1.1	2.50	6.50	8.75	11.00
Chatham N 10%	- 38	☑	1.0	1.0	50	4.0	1.5	-	1.0	2.00	5.00	7.50	10.00
Chatsworth	46	1.1	-	-	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38
Chesley N 5%	- 40	☑	-	-	50	3.0	1.3	w0.7	1.0	2.00	4.10	5.85	7.60
Chesterville	- 41	☑	-	-	50	2.8	1.3	w0.7	1.1	1.40	3.60	5.17	6.75

MUNICIPAL ELECTRICAL SERVICE

December 31, 1968

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per KwH	Space Heating per KwH (Alternative to Regular Rate)	Demand Rate per Kilowatt 50 Cents Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per KwH for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per KwH for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours				
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
1.3	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.5	General Rate (see notes)						General Rate (see notes)						
1.2	1.5	°1.7	0.8	0.5	2.70	3.15	1.00	—	1.2	—	0.5	0.33	2.43	2.73
1.1	1.5	°2.0	—	1.0	3.15	4.05	1.20	1.4	—	0.9	—	0.30	2.38	2.65
—	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	—	1.8	—	0.5	0.33	2.97	3.27
—	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.7	—	0.5	0.33	2.88	3.18
1.2	1.35	2.5	0.7	0.45	3.70	4.15	1.00	—	2.0	—	0.5	0.35	3.50	3.85
1.1	1.5	General Rate (see notes)						General Rate (see notes)						
—	1.5	°1.7	0.8	0.5	2.70	3.15	1.00	—	1.2	—	0.5	0.33	2.43	2.73
1.2	1.35	2.8	0.8	0.5	4.10	4.60	1.00	—	2.1	—	0.5	0.35	3.60	3.95
1.1	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.8	—	0.5	0.33	2.97	3.27
1.0	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	—	1.8	—	0.5	0.33	2.97	3.27
—	1.5	General Rate (see notes)						General Rate (see notes)						
—	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	—	2.3	—	0.5	0.33	3.42	3.72
—	1.5	General Rate (see notes)						General Rate (see notes)						
1.4	1.5	°3.5	0.8	0.5	4.32	4.77	1.00	—	2.9	—	0.5	0.33	3.96	4.26
1.0	1.35	°2.4	0.8	0.5	3.33	3.78	1.00	—	1.9	—	0.5	0.33	3.06	3.36
—	1.35	2.5	0.7	0.45	3.70	4.15	1.00	—	1.7	—	0.5	0.40	3.20	3.60
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	—	1.5	—	0.5	0.33	2.70	3.00
—	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.5	°1.2	0.8	0.5	2.25	2.70	1.00	—	0.7	—	0.5	0.33	1.98	2.28
1.2	1.35	°2.5	0.7	0.45	3.70	4.15	1.00	—	2.0	—	0.5	0.30	3.50	3.80
—	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.35	2.7	0.7	0.45	3.90	4.35	1.00	—	2.3	—	0.5	0.35	3.80	4.15
—	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.8	—	0.5	0.33	2.97	3.27
—	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	—	1.8	—	0.5	0.33	2.97	3.27
—	#1.35	General Rate (see notes)						General Rate (see notes)						
—	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	—	2.5	—	0.5	0.33	3.60	3.90
1.2	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.5	3.3	1.0	0.45	4.80	5.25	1.00	—	1.8	—	0.5	0.35	3.30	3.65
—	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	—	2.0	—	0.5	0.33	3.15	3.45
1.2	1.35	2.1	0.8	0.5	3.40	3.90	1.00	—	1.6	—	0.6	0.40	3.20	3.60
—	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.8	—	0.5	0.33	2.97	3.27

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

		RESIDENTIAL SERVICE												
		Flat-Rate Water Heating per 100 Watts or Schedule Number	House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
				First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
Chippawa N 5%	42	☐	2.5	1.0	50	3.4	1.7	w0.7	1.0	1.75	5.10	6.85	8.60	
		Small Commercial			50	4.0	2.0	—	1.1	2.00	6.00	8.75	11.50	
Clifford	45	☐	1.1	1.1	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10	
Clinton	41	☐	1.1	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10	
†Cobalt	42	☒	4.0	1.1	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00	
Cobden	36	1.1	—	—	50	2.0	1.0	0.7	1.0	1.67	2.70	4.27	5.85	
Cobourg N 5%	43	☐	—	—	50	3.0	1.4	w0.7	1.0	2.00	4.30	6.05	7.80	
		Small Commercial			50	3.0	1.5	—	1.1	2.00	4.50	7.25	10.00	
Cochrane N 5%	39	☒	3.0	1.1	50	4.5	1.6	w0.8	1.1	2.25	5.45	7.45	9.45	
Colborne	43	1.1	—	—	60	3.8	—	—	1.0	0.83	3.76	6.01	8.26	
Coldwater N 5%	46	☒	—	—	50	2.8	1.4	w0.7	1.0	1.50	4.20	5.95	7.70	
Collingwood . . . N 10%	41	☐	—	—	50	2.5	1.2	w0.7	1.0	2.00	3.65	5.40	7.15	
Comber	45	☒	1.1	1.1	50	3.0	1.5	0.9	1.1	1.11	4.05	6.07	8.10	
Coniston N 5%	44	☐	—	—	50	3.4	1.3	w0.7	1.1	2.00	4.30	6.05	7.80	
		Small Commercial			50	3.5	1.4	—	1.2	2.00	4.55	7.55	10.55	
Cookstown	45	☒	—	—	50	2.6	1.1	w0.7	1.1	1.67	3.15	4.72	6.30	
Cottam	41	☒	—	—	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38	
Courtright	45	☒	1.1	1.1	50	4.0	2.0	w0.8	1.1	2.22	5.40	7.20	9.00	
Creemore N 10%	44	☒	—	—	50	2.5	1.1	w0.6	1.0	1.25	3.45	4.95	6.45	
Dashwood	45	1.2	1.2	1.2	50	3.6	1.8	1.1	1.5	1.11	4.86	7.33	9.81	
Deep River	40	1.1	1.1	1.1	50	3.4	1.4	—	0.9	1.67	4.05	6.07	8.10	
Delaware	44	☒	—	—	50	4.0	1.7	w0.8	1.1	2.00	4.86	6.66	8.46	
Delhi N 5%	43	☐	2.0	1.0	50	2.3	1.1	0.7	1.0	1.50	3.35	5.10	6.85	
Deseronto N 10%	44	☒	1.0	1.0	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40	
Dorchester	43	☐	—	—	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38	
Drayton	44	☐	1.2	1.2	50	3.4	1.7	1.0	1.4	1.11	4.59	6.84	9.09	
Dresden	44	☐	1.1	1.1	50	3.0	1.5	w0.8	1.1	1.67	4.05	5.85	7.65	
Drumbo	45	☐	—	—	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38	
Dryden	35	☐	—	—	50	3.8	1.9	w0.7	1.1	1.90	5.13	6.70	8.28	
Dublin	40	☒	1.1	1.1	50	2.8	1.3	0.8	1.1	1.67	3.60	5.40	7.20	
Dundalk	44	1.1	—	—	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38	
Dundas N 5%	45	—	2.5	1.0	50	3.8	1.9	w0.7	1.0	1.90	5.70	7.45	9.20	
		Small Commercial			50	3.8	1.9	—	1.0	1.90	5.70	8.20	10.70	
Dunnville	45	1.1	1.1	1.1	50	2.8	1.4	—	0.9	0.83	3.78	5.80	7.83	
Durham N 10%	40	☒	—	—	50	2.8	1.2	w0.7	1.0	1.40	3.80	5.55	7.30	
Dutton N 5%	47	☒	—	—	50	3.5	1.3	w0.7	1.0	1.75	4.35	6.10	7.85	
		Small Commercial			50	3.5	1.3	—	1.1	1.75	4.35	7.10	9.85	
East York N 5%	35	☐	1.0	1.0	50	3.3	1.2	—	0.9	2.00	4.05	6.30	8.55	
Eganville N 5%	—	☒	—	—	50	2.6	1.3	w0.7	1.0	1.50	3.90	5.65	7.40	
		Small Commercial			50	2.6	1.3	—	1.2	1.50	3.90	6.90	9.90	
†Elk Lake	42	1.22	—	—	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46	
Elmira	45	☐	1.1	1.1	50	3.0	1.5	0.8	1.2	1.39	4.05	5.85	7.65	
Elmvale	40	☒	—	—	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11	
Elmwood	39	1.1	—	—	50	2.6	1.3	0.7	1.0	1.11	3.51	5.08	6.66	
Elora N 5%	44	☐	3.2	1.0	50	4.5	1.7	w0.7	1.0	2.25	5.65	7.40	9.15	
Embro N 5%	—	☒	1.0	1.0	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65	

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kw	Space Heating per Kw (Alternative to Regular Rate)	Demand Rate per Kilowatt 50 Cents Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kw for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block		Second Block		All Addi- tional Hours		
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours							Hours' Use 50 100	Hours' Use 50 100	All Addi- tional Hours	200 Hours	300 Hours
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
—	1.35	General Rate (see notes)					—	General Rate (see notes)					—	—
1.2	—	2.7	0.8	0.5	3.60	4.05	1.00	—	2.2	—	0.5	0.33	3.33	3.63
—	1.5	2.6	0.8	0.5	3.51	3.96	1.00	—	2.0	—	0.5	0.33	3.15	3.45
1.1	1.5	3.6	0.8	0.5	4.41	4.86	1.00	—	2.4	—	0.5	0.33	3.51	3.81
—	—	1.9	0.8	0.5	2.88	3.33	1.00	—	1.3	—	0.5	0.33	2.52	2.82
1.2	1.35	2.2	0.7	0.45	3.40	3.85	1.00	—	1.3	—	0.5	0.35	2.80	3.15
1.4	1.35	2.8	0.8	0.45	4.10	4.55	1.00	—	2.0	—	0.5	0.35	3.50	3.85
—	1.5	3.0	—	1.0	4.05	4.95	1.35	2.8	—	1.8	—	0.33	3.58	3.88
—	1.35	General Rate (see notes)					—	General Rate (see notes)					—	—
1.1	1.35	1.8	0.7	0.45	3.00	3.45	1.00	—	1.3	—	0.5	0.35	2.80	3.15
—	1.5	2.7	0.8	0.5	3.60	4.05	1.00	—	2.2	—	0.5	0.33	3.33	3.63
—	—	2.6	0.7	0.45	3.80	4.25	1.00	—	2.1	—	0.5	0.35	3.60	3.95
—	1.5	2.0	0.8	0.5	2.97	3.42	1.00	—	1.4	—	0.5	0.33	2.61	2.91
—	1.5	2.8	0.8	0.5	3.69	4.14	1.00	—	2.3	—	0.5	0.33	3.42	3.72
1.5	1.5	3.5	0.8	0.5	4.32	4.77	1.00	—	2.4	—	0.5	0.33	3.51	3.81
—	1.35	1.6	0.7	0.45	2.80	3.25	1.00	—	1.1	—	0.5	0.30	2.60	2.90
—	1.5	3.1	0.8	0.5	3.96	4.41	1.00	—	2.4	—	0.5	0.33	3.51	3.81
—	1.5	2.4	0.8	0.5	3.33	3.78	1.00	—	1.7	—	0.5	0.33	2.88	3.18
—	1.5	3.6	0.8	0.5	4.41	4.86	1.00	—	2.6	—	0.5	0.33	3.69	3.99
#1.0	#1.35	General Rate (see notes)					—	General Rate (see notes)					—	—
1.2	1.35	2.4	0.7	0.45	3.60	4.05	1.00	—	1.7	—	0.5	0.30	3.20	3.50
—	—	2.6	0.8	0.5	3.51	3.96	1.00	—	2.1	—	0.5	0.33	3.24	3.54
—	1.5	2.9	0.8	0.5	3.78	4.23	1.00	—	2.2	—	0.5	0.33	3.33	3.63
—	1.5	2.8	0.8	0.5	3.69	4.14	1.00	—	2.3	—	0.5	0.33	3.42	3.72
—	1.5	2.7	0.8	0.5	3.60	4.05	1.00	—	2.2	—	0.5	0.33	3.33	3.63
1.2	1.5	3.1	0.8	0.5	3.96	4.41	1.00	—	2.4	—	0.5	0.33	3.51	3.81
1.4	1.5	2.5	0.8	0.5	3.42	3.87	1.00	—	2.3	—	0.5	0.33	3.42	3.72
—	1.5	2.3	0.8	0.5	3.24	3.69	1.00	—	1.7	—	0.5	0.33	2.88	3.18
1.1	1.35	2.6	0.8	0.5	3.90	4.40	1.00	—	1.7	—	0.5	0.35	3.20	3.55
1.1	1.5	2.5	0.8	0.5	3.42	3.87	1.00	—	1.9	—	0.5	0.33	3.06	3.36
1.1	1.35	2.1	0.7	0.45	3.30	3.75	1.00	—	1.5	—	0.5	0.30	3.00	3.30
—	1.35	2.2	0.8	0.5	3.50	4.00	1.00	—	1.7	—	0.6	0.40	3.30	3.70
—	1.35	2.0	0.7	0.45	3.20	3.65	1.00	—	1.3	—	0.5	0.35	2.80	3.15
1.2	1.35	2.4	0.7	0.45	3.60	4.05	1.00	—	1.8	—	0.5	0.35	3.30	3.65
1.1	1.5	3.0	0.8	0.5	3.87	4.32	1.00	—	2.4	—	0.5	0.33	3.51	3.81
1.2	1.5	2.8	0.8	0.5	3.69	4.14	1.00	—	1.9	—	0.5	0.33	3.06	3.36
—	1.5	2.1	0.8	0.5	3.06	3.51	1.00	—	1.6	—	0.5	0.33	2.79	3.09
—	1.5	2.3	0.8	0.5	3.24	3.69	1.00	—	1.8	—	0.5	0.33	2.97	3.27
General Rate (see notes)							General Rate (see notes)							
General Rate (see notes)							General Rate (see notes)							

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

		Flat-Rate Water Heating per 100 Watts or Schedule Number	House Heating per Kwh (See Notes)	RESIDENTIAL SERVICE										
				All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
				First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$	
§§Embrun N 10%	- 39	☑	4.0	1.0	50	4.0	1.8	w0.7	1.0	2.00	5.60	7.35	9.10	
†Englehart	- 42	☑	4.0	1.1	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00	
Erieau	- 45	1.2	-	-	50	2.8	1.4	-	0.8	2.22	3.78	5.58	7.38	
Erie Beach	- 45	1.1	-	-	50	4.0	2.0	-	1.1	2.78	5.40	7.87	10.35	
Erin	- 40	☐	-	-	50	3.0	1.5	0.8	1.2	1.39	4.05	5.85	7.65	
Espanola N 5%	- #40	☑	1.5	1.0	50	3.7	1.4	w0.7	1.0	2.50	4.65	6.40	8.15	
		Small Commercial			50	4.0	1.5	-	1.1	2.50	5.00	7.75	10.50	
Essex	- 43	☐	1.1	1.1	50	3.0	1.5	0.8	1.2	1.11	4.05	5.85	7.65	
Etobicoke	- 40	☐	☐	☐	60	4.4	-	-	1.1	2.22	4.26	6.73	9.21	
Exeter	- 40	☑	-	-	50	3.6	1.8	w0.8	1.1	2.22	4.86	6.66	8.46	
Fenelon Falls . . . N 5%	- 40	☑	-	-	50	3.0	1.4	w0.7	1.1	1.50	4.30	6.05	7.80	
Fergus	- 41	☑	1.1	1.1	50	4.0	1.5	w0.7	1.1	2.00	4.50	6.07	7.65	
Finch N 5%	- 42	-	-	-	50	3.5	1.3	w0.7	1.0	1.75	4.35	6.10	7.85	
Flesherton	- 40	☑	-	-	50	2.0	1.1	0.6	1.1	1.11	2.88	4.23	5.58	
Fonthill N 5%	- 41	☑	1.0	1.0	50	3.0	1.5	w0.7	1.0	1.50	4.50	6.25	8.00	
Forest N 5%	- 41	☐	-	-	50	2.8	1.3	w0.7	1.0	1.50	4.00	5.75	7.50	
		Small Commercial			50	2.8	1.3	-	1.0	1.50	4.00	6.50	9.00	
Fort William	- 31	☐	-	-	50	3.0	1.2	-	0.9	1.67	3.51	5.53	7.56	
(Comm. & Indust. N 5%)														
Frankford	- 36	☐	-	-	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11	
Galt N 5%	- 35	☐	1.0	1.0	50	3.6	1.3	-	1.0	1.80	4.40	6.90	9.40	
		Small Commercial			50	3.6	1.5	-	1.1	1.80	4.80	7.55	10.30	
Georgetown	- 39	☐/1.2	-	-	50	3.2	1.5	w0.7	1.1	2.00	4.14	5.71	7.29	
Glen Williams	- 39	☐/1.2	-	-	50	3.2	1.6	w0.8	1.1	2.00	4.32	6.12	7.92	
†Geraldton	- 45	☑	3.4	1.2	50	4.0	2.0	w0.9	1.2	2.22	5.40	7.42	9.45	
Glencoe N 5%	- 45	☑	-	-	50	3.0	1.1	w0.7	1.0	1.50	3.70	5.45	7.20	
		Small Commercial			50	3.0	1.1	-	1.0	1.50	3.70	6.20	8.70	
§§Gloucester Twp. N 10%	- 44	☐	5.0	1.0	50	5.0	2.1	w0.7	1.0	2.50	6.70	8.45	10.20	
		Small Commercial			50	5.0	2.1	-	1.0	2.50	6.70	9.20	11.70	
Goderich N 5%	- 40	☐	1.0	1.0	50	3.0	1.2	0.7	1.0	1.50	3.90	5.65	7.40	
		Small Commercial			50	2.7	1.4	0.7	1.1	1.50	4.15	5.90	7.65	
†Gogama	- 45	1.5	-	-	50	7.0	3.5	-	1.6	2.78	9.45	13.05	16.65	
Grand Bend	- 42	1.35	-	-	50	4.0	2.0	-	1.4	2.50	5.40	8.55	11.70	
Grand Valley . . . N 10%	-	☐	-	-	50	2.8	1.1	w0.7	1.0	1.40	3.60	5.35	7.10	
Granton	50	-	-	-	60	3.9	-	-	1.4	1.11	4.50	7.65	10.80	
Gravenhurst N 5%	- 44	☑	-	-	50	3.0	1.2	w0.7	1.0	2.00	3.90	5.65	7.40	
		Small Commercial			50	3.0	1.5	-	1.1	2.00	4.50	7.25	10.00	
Grimsby	- 43	1.1	1.1	1.1	50	3.2	1.6	w0.8	1.0	1.39	4.32	6.12	7.92	
§§Guelph N 5%	- 35	☐	2.0	1.0	50	4.0	1.8	-	1.0	2.00	5.60	8.10	10.60	
Hagersville N 5%	- 47	☐	1.0	1.0	50	3.0	1.5	w0.7	1.0	1.50	4.50	6.25	8.00	
†Haileybury	- 42	☑	4.0	1.1	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00	
Hamilton	- 40	☐	1.1	1.1	60	2.8	-	-	1.1	0.83	3.58	6.19	8.81	
Hanover N 10%	- 45	☑	-	-	50	2.8	1.4	w0.8	1.0	2.00	4.20	6.20	8.20	
Harriston N 5%	- 42	☐	3.2	1.0	50	3.8	1.6	w0.8	1.0	2.00	5.10	7.10	9.10	
		Small Commercial			50	4.0	1.7	-	1.0	2.00	5.40	7.90	10.40	

MUNICIPAL ELECTRICAL SERVICE

December 31, 1968

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per Kilowatt 50 Cents Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block		Second Block		All Addi- tional Hours		
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	Hours' Use 50 100			Hours' Use 50 100		200 Hours	300 Hours			
¢ 1.35 1.1 1.1 — 1.2 — — 1.2 1.35 1.3 — 1.1 1.1 0.8 1.1 1.1 1.1 — 1.2 — 1.35 1.2 1.6 1.4 — — 1.0 — #1.1 1.1 — —	¢ 1.35 1.5 1.5 — — 1.35 — — 1.5 1.35 1.5 — 1.35 1.35 1.5 1.5 1.35 1.35 1.5 1.35 1.35 1.5 1.5 1.5 1.5 													

y Applicable to first 200 kwh

RATES AND TYPICAL BILLS FOR
in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

RESIDENTIAL SERVICE													
	Flat-Rate Water Heating per 100 Watts or Schedule Number	House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Harrow N 5%	- #42	□	3.5	1.0	50	4.5	1.5	w0.8	1.0	2.25	5.25	7.25	9.25
Hastings N 5%	- 41	□	-	-	50	4.0	1.5	w0.7	1.0	2.00	5.00	6.75	8.50
Havelock	- 40	□	-	-	50	2.8	1.3	w0.8	1.1	1.40	3.60	5.40	7.20
Hawkesbury N 5%	- 42	□	-	-	50	3.4	1.5	w0.7	1.0	2.00	4.70	6.45	8.20
		Small Commercial			50	3.4	2.0	-	1.1	2.00	5.70	8.45	11.20
Hearst	- 45	□	1.1	1.1	50	4.6	1.5	w0.7	1.1	2.78	4.77	6.34	7.92
Hensall	- 45	1.2	-	-	60	3.2	-	-	1.0	0.83	3.44	5.69	7.94
†Hepworth	- 45	1.22	-	-	50	3.6	1.8	w0.8	1.1	1.67	4.86	6.66	8.46
Hespeler N 5%	- 38	□	1.6	1.0	50	3.2	1.6	w0.7	1.0	2.00	4.80	6.55	8.30
Highgate	- 45	1.2	-	-	60	3.2	-	-	0.9	0.83	3.27	5.29	7.32
Holstein	- 41	1.1	-	-	60	3.0	-	-	1.0	1.11	3.33	5.58	7.83
†Hornepayne	- 60	□	6.6	1.33	50	6.6	2.3	w1.0	1.33	3.33	7.11	9.36	11.61
†Hudson	- 45	□	4.4	1.2	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99
Huntsville N 5%	- 40	□	-	-	50	2.8	1.1	w0.7	1.0	1.40	3.60	5.35	7.10
Ingersoll N 5%	- S40	□	1.0	1.0	50	4.0	1.3	w0.6	1.0	2.00	4.60	6.10	7.60
Iroquois	- 40	□/1.2	-	-	50	2.8	1.4	w0.7	1.1	1.67	3.78	5.35	6.93
Jarvis	- 45	1.1	-	-	50	3.2	1.6	0.9	1.3	0.83	4.32	6.34	8.37
†Jellicoe	- 45	□	4.4	1.2	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99
Kapuskasing N 5%	- 35	□	-	-	50	3.8	1.4	-	1.0	2.00	4.70	7.20	9.70
		Small Commercial			50	4.0	1.7	-	1.1	2.00	5.40	8.15	10.90
†Kearns Townsite	- 45	1.22	-	-	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
Kemptville	- 43	□	1.1	1.1	50	4.0	1.5	w0.8	1.1	2.00	4.50	6.30	8.10
Kenora	- S	-	-	-	50	3.0	1.5	0.8	1.2	1.00	4.05	5.85	7.65
Keewatin	- S	-	-	-	50	4.0	1.5	0.8	1.2	1.00	4.50	6.30	8.10
Killaloe Station	- 42	□	4.0	1.1	50	4.2	2.1	w0.8	1.1	2.22	5.67	7.47	9.27
Kincardine N 10%	- 43	□	-	-	50	2.8	1.1	w0.6	1.0	1.40	3.60	5.10	6.60
King City N 10%	- 42	□	3.0	1.0	50	3.6	1.7	w0.7	1.0	1.80	5.20	6.95	8.70
†King Kirkland	- 42	1.22	-	-	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
Kingston N 5%	- -	□	-	-	50	2.8	1.1	-	1.0	2.00	3.60	6.10	8.60
Kingsville N 5%	- -	-	1.0	1.0	50	3.0	1.3	w0.7	1.0	2.00	4.10	5.85	7.60
Kirkfield	- 40	□	-	-	50	3.2	1.6	1.0	1.1	1.67	4.32	6.57	8.82
†Kirland Lake	- 42	□	2.0	1.1	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
†Swastika	- 42	1.22	-	-	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
Kitchener N 5%	- -	□	1.0	1.0	50	3.6	1.2	0.7	1.0	2.00	4.20	5.95	7.70
		Small Commercial			50	4.0	1.4	0.7	1.1	2.00	4.80	6.55	8.30
Lakefield N 10%	- 38	□	1.0	1.0	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40
Lambeth	- 43	1.1	1.1	1.1	50	3.5	1.7	w0.8	1.3	1.75	4.63	6.43	8.23
Lanark N 5%	- 42	□	-	-	50	2.5	1.1	w0.7	1.0	1.50	3.45	5.20	6.95
Lancaster N 5%	- -	□	1.0	1.0	50	3.4	1.2	w0.7	1.0	1.70	4.10	5.85	7.60
Larder Lake Twp.	- 43	1.2	-	-	60	3.5	-	-	1.1	1.11	3.77	6.25	8.72

MUNICIPAL ELECTRICAL SERVICE

December 31, 1968

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per Kilowatt 50 Cents Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand			Net Monthly Bill for Use of 1 Kw of Demand			
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours				
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
—	#1.35	General Rate (see notes)						General Rate (see notes)						
1.2	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.7	—	0.5	0.33	2.88	3.18
—	#1.35	General Rate (see notes)						General Rate (see notes)						
1.2	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	—	2.0	—	0.5	0.33	3.15	3.45
—	1.5	2.7	—	0.9	3.69	4.50	1.20	2.1	—	1.4	—	0.30	2.92	3.19
1.5	1.5	°3.2	0.8	0.5	4.05	4.50	1.00	—	2.4	—	0.5	0.33	3.51	3.81
—	1.35	General Rate (see notes)						General Rate (see notes)						
—	—	2.8	—	0.7	3.60	4.23	1.35	2.6	—	1.7	—	0.33	3.45	3.74
—	—	2.5	—	0.8	3.42	4.14	1.35	3.5	—	2.3	—	0.33	4.12	4.42
1.5	1.5	°6.0	0.8	0.5	6.57	7.02	1.00	—	4.3	—	0.5	0.33	5.22	5.52
1.2	1.5	°3.8	0.8	0.5	4.59	5.04	1.00	—	3.3	—	0.5	0.33	4.32	4.62
1.1	1.35	°1.9	0.7	0.4	3.10	3.50	1.00	—	1.0	—	0.5	0.30	2.50	2.80
#1.35	#1.35	General Rate (see notes)						General Rate (see notes)						
1.1	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	—	1.5	—	0.5	0.33	2.70	3.00
—	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	—	2.3	—	0.5	0.33	3.42	3.72
1.2	1.5	°3.8	0.8	0.5	4.59	5.04	1.00	—	3.3	—	0.5	0.33	4.32	4.62
1.1	1.35	2.7	0.8	0.45	4.00	4.45	1.00	—	2.0	—	0.6	0.40	3.60	4.00
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	—	2.4	—	0.5	0.33	3.51	3.81
—	—	°2.7	0.8	0.5	3.60	4.05	1.00	—	2.0	—	0.5	0.33	3.15	3.45
—	—	°3.8	0.8	0.5	4.59	5.04	1.35	—	2.2	—	0.5	0.33	3.64	3.94
—	—	°4.8	0.8	0.5	5.49	5.94	1.35	—	2.2	—	0.5	0.33	3.64	3.94
—	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	—	2.0	—	0.5	0.33	3.15	3.45
1.2	1.35	°2.4	0.7	0.45	3.60	4.05	1.00	—	1.8	—	0.5	0.30	3.30	3.60
1.1	1.35	°2.0	0.7	0.45	3.20	3.65	1.00	—	1.7	—	0.5	0.30	3.20	3.50
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	—	2.4	—	0.5	0.33	3.51	3.81
—	1.35	2.0	0.7	0.45	3.20	3.65	1.00	—	1.3	—	0.5	0.35	2.80	3.15
1.2	1.5	General Rate (see notes)						General Rate (see notes)						
1.1	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	—	2.0	—	0.5	0.33	3.15	3.45
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	—	2.4	—	0.5	0.33	3.51	3.81
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	—	2.4	—	0.5	0.33	3.51	3.81
—	1.35	2.2	0.8	0.5	3.50	4.00	1.00	—	1.7	—	0.5	0.33	3.20	3.53
1.2	1.35	°2.7	0.7	0.45	3.90	4.35	1.00	—	1.6	—	0.5	0.30	3.10	3.40
—	—	°3.1	0.8	0.5	3.96	4.41	1.00	—	2.6	—	0.5	0.33	3.69	3.99
—	#1.35	General Rate (see notes)						General Rate (see notes)						
—	—	General Rate (see notes)						General Rate (see notes)						
—	—	3.0	—	1.0	4.05	4.95	1.35	3.1	—	2.0	—	0.33	3.81	4.10

RATES AND TYPICAL BILLS FOR in Effect

*Rates are quoted on a monthly basis and
(unless otherwise noted) and*

		RESIDENTIAL SERVICE											
	Flat-Rate Water Heating per 100 Watts or Schedule Number	House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Latchford	- 43	☐	1.1	1.1	50	3.0	1.5	0.8	1.2	1.39	4.05	5.85	7.65
Leamington	N 5% -	☐	1.0	1.0	50	4.0	1.2	w0.7	1.0	2.00	4.40	6.15	7.90
Lindsay	N 5% - 44	☐	1.0	1.0	50	3.0	1.4	0.7	1.0	1.50	4.30	6.05	7.80
		Small Commercial			50	3.0	1.4	-	1.0	1.50	4.30	6.80	9.30
Listowel	- 41	☐	1.1	1.1	50	2.8	1.4	0.8	1.1	2.00	3.78	5.58	7.38
London	N 5% - 38	☐	1.0	1.0	50	5.0	1.5	-	1.0	2.50	5.50	8.00	10.50
L'Orignal	- 40	☐	1.1	1.1	50	3.4	1.7	w0.8	1.1	1.70	4.59	6.39	8.19
Lucan	N 5% - 40	☐	2.0	1.0	50	4.0	1.5	w0.7	1.0	2.00	5.00	6.75	8.50
Lucknow	- 45	1.1	-	-	55	2.7	-	-	1.0	1.39	3.10	5.35	7.60
Lynden	- 43	☐	1.1	1.1	50	3.0	1.2	w0.7	1.1	1.50	3.51	5.08	6.66
Madoc	- 40	1.2	1.1	1.1	50	2.4	1.2	0.7	1.0	0.83	3.24	4.81	6.39
Magnetawan	N 5% - 45	☐	-	-	50	3.0	1.5	w0.7	1.0	2.00	4.50	6.25	8.00
Markdale	45 -	1.1	-	-	60	2.5	-	-	1.0	1.11	3.06	5.31	7.56
Markham	- 44	-	4.5	1.1	50	4.5	2.1	w0.8	1.1	2.22	5.80	7.60	9.40
Marmora	N 5% - 43	☐	-	-	50	3.2	1.5	w0.7	1.0	2.00	4.60	6.35	8.10
		Small Commercial			50	3.2	1.5	-	1.1	2.00	4.60	7.35	10.10
Martintown	- 38	1.5	-	-	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Massey	N 5% - 45	☐	3.0	1.0	50	4.0	1.8	w0.7	1.0	2.00	5.60	7.35	9.10
† Matachewan	- 45	1.22	-	-	50	3.6	1.8	w0.8	1.1	1.39	4.86	6.66	8.46
† Matheson	- 45	1.22	-	-	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19
† Mattawa	N 5% - 45	?	-	-	50	4.3	2.0	w0.7	1.0	2.00	6.15	7.90	9.65
Maxville	N 5% - 46	☐	-	-	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40
McGarry Twp.	- 40	1.2	-	-	60	3.5	-	-	1.1	1.11	3.77	6.25	8.72
Meaford	N 5% - 42	☐	-	-	50	3.4	1.3	w0.7	1.0	2.00	4.30	6.05	7.80
Merlin	- 44	1.2	-	-	60	3.1	-	-	1.0	0.83	3.38	5.63	7.88
Merrickville	- 41	☐	1.1	1.1	50	3.2	1.6	w0.8	1.1	1.60	4.32	6.12	7.92
Midland	N 5% - 45	☐	-	-	50	2.6	1.3	w0.7	1.0	2.00	3.90	5.65	7.40
Mildmay	- 40	1.1	-	-	50	3.2	1.4	w0.8	1.1	1.67	3.96	5.76	7.56
Millbrook	- 43	☐	-	-	50	4.0	2.0	w0.8	1.1	2.00	5.40	7.20	9.00
Milton	N 10% - 43	☐	-	-	50	3.0	1.2	w0.7	1.0	2.00	3.90	5.65	7.40
Milverton	N 5% - 44	☐	2.0	1.0	50	3.0	1.5	w0.8	1.0	2.00	4.50	6.50	8.50
		Small Commercial			50	3.5	1.6	-	1.0	2.50	4.95	7.45	9.95
Mississauga	N 5% - 40	☐	z1.0	z1.0	50	4.5	1.8	w0.8	1.0	2.25	5.85	7.85	9.85
		Small Commercial			50	5.0	2.0	-	1.1	2.25	6.50	9.25	12.00
Mitchell	N 5% - 40	☐	-	-	50	3.5	1.5	w0.7	1.0	1.75	4.75	6.50	8.25
Moorefield	N 5% -	☐	3.2	1.0	50	3.2	1.6	w0.8	1.0	2.00	4.80	6.80	8.80
		Small Commercial			50	3.2	1.6	-	1.0	2.00	4.80	7.30	9.80
Morrisburg	- 40	☐	1.1	1.1	50	3.0	1.5	w0.8	1.1	1.67	4.05	5.85	7.65
Mount Brydges	- 41	☐	1.1	1.1	50	3.4	1.6	w0.8	1.1	2.00	4.41	6.21	8.01
Mount Forest ..	N 10% -	☐	-	-	50	2.3	1.2	w0.7	1.0	1.15	3.55	5.30	7.05
Napanee	- 38	☐	-	-	50	2.6	1.3	0.8	1.1	0.83	3.51	5.31	7.11
§§ Nepean Twp.	N 5% - 44	☐	5.0	1.0	50	5.0	2.2	w0.7	1.0	2.50	6.90	8.65	10.40
Neustadt	N 5% -	☐	-	-	50	2.8	1.4	w0.7	1.0	2.00	4.20	5.95	7.70
Newboro	N 5% -	☐	-	-	50	4.0	1.5	w0.7	1.0	2.25	5.00	6.75	8.50
Newburgh	- 40	☐	1.2	1.2	60	4.3	-	-	1.2	1.39	4.37	7.07	9.77

☐ Energy supplied through residential service at applicable rates. If separately metered the consumption to be added to regular energy use.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1967

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per KwH	Space Heating per KwH (Alternative to Regular Rate)	Demand Rate per Kilowatt 50 Cents Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per KwH for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per KwH for Use of Each Kw of Demand						First Block Hours' Use 50 100		Second Block Hours' Use 50 100		All Addi- tional Hours		
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours								
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
—	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	—	1.7	—	0.5	0.33	2.88	3.18
—	#1.35	General Rate (see notes)						General Rate (see notes)						
		General Rate (see notes)						General Rate (see notes)						
1.2	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	—	1.8	—	0.5	0.33	2.97	3.27
1.35	1.35	General Rate (see notes)						General Rate (see notes)						
1.1	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	—	1.7	—	0.5	0.33	2.88	3.18
1.2	1.35	°2.4	0.8	0.45	3.70	4.15	1.00	—	2.0	—	0.5	0.35	3.50	3.85
—	1.5	2.2	—	0.8	3.15	3.87	1.35	2.8	—	1.8	—	0.33	3.58	3.88
1.2	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	—	1.6	—	0.5	0.33	2.79	3.09
1.0	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.8	—	0.5	0.33	2.97	3.27
		General Rate (see notes)						General Rate (see notes)						
—	—	2.0	—	1.0	3.15	4.05	1.20	1.9	—	1.3	—	0.30	2.79	3.06
—	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	—	2.1	—	0.6	0.33	3.33	3.63
1.2	—	2.4	0.7	0.45	3.60	4.05	1.00	—	2.0	—	0.5	0.35	3.50	3.85
—	—	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.7	—	0.5	0.33	2.88	3.18
		General Rate (see notes)						General Rate (see notes)						
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	—	2.4	—	0.5	0.33	3.51	3.81
1.1	1.5	°3.3	0.8	0.5	4.14	4.59	1.00	—	2.4	—	0.5	0.33	3.51	3.81
1.1	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.35	General Rate (see notes)						General Rate (see notes)						
1.3	—	3.0	—	1.0	4.05	4.95	1.35	3.1	—	2.0	—	0.33	3.81	4.10
1.2	1.35	2.3	0.7	0.45	3.50	3.95	1.00	—	1.9	—	0.5	0.35	3.40	3.75
—	—	2.6	—	0.7	3.42	4.05	1.35	2.8	—	1.8	—	0.33	3.58	3.88
—	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	—	1.5	—	0.5	0.33	2.70	3.00
		General Rate (see notes)						General Rate (see notes)						
1.3	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	—	2.1	—	0.5	0.33	3.24	3.54
—	1.5	°3.5	0.8	0.5	4.32	4.77	1.00	—	2.3	—	0.5	0.33	3.42	3.72
		General Rate (see notes)						General Rate (see notes)						
—	—	2.4	0.8	0.5	3.70	4.20	1.00	—	1.9	—	0.5	0.35	3.40	3.75
1.2	1.35	2.6	0.8	0.45	3.90	4.35	1.00	—	2.0	—	0.5	0.35	3.50	3.85
		General Rate (see notes)						General Rate (see notes)						
—	1.35	2.7	0.8	0.5	4.00	4.50	1.00	—	2.2	—	0.5	0.35	3.70	4.05
—	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.8	—	0.5	0.33	2.97	3.27
—	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	—	2.2	—	0.5	0.33	3.33	3.63
1.1	1.35	°2.0	0.7	0.45	3.20	3.65	1.00	—	1.5	—	0.5	0.30	3.00	3.30
1.1	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.3	—	0.5	0.33	2.52	2.82
—	1.35	°2.4	0.8	0.5	3.70	4.20	1.00	—	2.0	—	0.5	0.35	3.50	3.85
—	1.35	1.8	0.7	0.45	3.00	3.45	1.00	—	1.4	—	0.5	0.35	2.90	3.25
		General Rate (see notes)						General Rate (see notes)						
1.2	—	3.8	—	1.2	4.95	6.03	1.35	2.5	—	1.6	—	0.33	3.36	3.65

RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

		Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
			House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
				First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
Newbury	¢ No. 45	1.5	¢	¢	No. 50	¢	¢	¢	¢	\$	\$	\$	\$	
Newcastle	N 5% - 42	-	4.0	1.0	50	4.0	1.6	w0.8	1.0	2.00	3.78	5.58	7.38	
		Small Commercial			50	4.0	1.6	-	1.2	2.00	5.20	8.20	11.20	
New Hamburg	- 39	-	1.1	1.1	50	3.0	1.5	0.9	1.2	1.11	4.05	6.07	8.10	
†New Liskeard	- 42	☒	4.0	1.1	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00	
Newmarket	- 38	1.2	1.1	1.1	50	2.8	1.4	w0.8	1.1	1.40	3.78	5.58	7.38	
Niagara	- 42	1.1	1.1	1.1	50	3.2	1.5	w0.8	1.1	1.75	4.14	5.94	7.74	
Niagara Falls	N 5% - 44	☐	-	-	50	3.8	1.8	w0.7/0.8x	1.0	2.00	5.50	7.25	9.00	
		Small Commercial			50	4.0	2.0	-	1.0	2.75	6.00	8.50	11.00	
Nipigon Twp.	N 5% - 44	☐	1.0	1.0	50	3.6	1.2	w0.7	1.0	2.00	4.20	5.95	7.70	
North Bay	N 5% - 42	☐	1.1	1.1	50	3.2	1.3	w0.8	1.1	2.50	4.20	6.20	8.20	
North York	N 10% - 37	☒	3.0	1.0	50	4.0	1.6	-	1.0	2.00	5.20	7.70	10.20	
Norwich	N 10% - 38	☒	1.0	1.0	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65	
Norwood	- 42	☐	-	-	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11	
(F) Oakville	N 5% - 42	☒	4.5	1.0	50	4.5	1.9	w0.8	1.0	2.25	6.05	8.05	10.05	
Oil Springs	- 45	☐	-	-	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38	
Omemece	- 45	☐	-	-	50	3.4	1.7	w0.9	1.1	2.22	4.59	6.61	8.64	
Orangeville	N 5% - #43	☐	-	-	50	3.2	1.6	w0.8	1.0	2.00	4.80	6.80	8.80	
Orillia	N 5% - 38	☒	1.0	1.0	50	2.3	-	-	1.0	1.50	3.15	5.65	8.15	
Orono	N 5% - 40	-	3.0	1.0	50	4.0	1.6	w0.8	1.0	2.00	5.20	7.20	9.20	
Oshawa	N 5% - 34	☒	1.0	1.0	50	4.0	1.2	w0.8	1.0	2.00	4.40	6.40	8.40	
Ottawa	N 5% 32 -	+2.0	-	-	▷(60◇(60	(2.0	-	-	◇0.5	0.83	3.11	4.36	5.61	
Otterville	- 44	☐	-	-	50	3.4	1.4	w0.8	1.1	1.50	4.05	5.85	7.65	
Owen Sound	N 5% - 39	☒	1.0	1.0	50	2.8	1.4	w0.7	1.0	2.00	4.20	5.95	7.70	
		Small Commercial			50	2.8	1.4	-	1.0	2.00	4.20	6.70	9.20	
Paisley	N 5% -	☒	-	-	50	2.6	1.2	w0.7	1.0	2.00	3.70	5.45	7.20	
Palmerston	N 5% - 45	☒	2.6	1.0	50	3.8	1.7	w0.7	1.0	2.50	5.30	7.05	8.80	
		Small Commercial			50	4.0	2.0	-	1.0	2.50	6.00	8.50	11.00	
Paris	- 42	1.2	-	-	60	2.8	-	-	1.3	0.83	3.73	6.66	9.58	
Parkhill	- 44	1.2	-	-	50	3.2	1.6	0.9	1.3	1.11	4.32	6.34	8.37	
Parry Sound	- 42	☒	1.1	1.1	50	3.4	1.7	-	1.1	1.67	4.59	7.06	9.54	
Pembroke	N 5% - #42	☐/1.1z	-	-	50	4.0	1.6	w0.8	1.1	2.00	5.20	7.20	9.20	
Penetanguishene .	N 5% - 40	☒	-	-	50	3.0	1.1	w0.6	1.0	1.50	3.70	5.20	6.70	
Perth	N 5% - 40	☐	-	-	50	3.3	1.4	w0.7	1.0	2.00	4.45	6.20	7.95	
Peterborough ...	N 5% - 36	☐	4.0	1.0	50	5.0	1.5	-	1.0	3.00	5.50	8.00	10.50	
Petrolia	N 5% - 45	☐	-	-	50	3.2	1.6	w0.7	1.0	1.75	4.80	6.55	8.30	
Pickering	- 37	☐	3.0	1.1	50	3.8	1.9	w0.8	1.1	1.90	5.13	6.93	8.73	
†Pickle Lake Landing	- 45	☒	4.4	1.2	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99	
Picton	N 5% - 45	☐	-	-	50	3.5	1.4	w0.7	1.0	2.00	4.55	6.30	8.05	

◇First 60 kwh of monthly consumption @ 2.0¢ next 60 kwh and all kwh in excess of 1,000 kwh @ 1.0¢

▷33¢ per month per service when the permanently installed appliance load is under 2,000 watts and 66¢ per month when 2,000 watts or more.

x Denotes the next 1000 kwh

+ Residential electric heating first 1500 kwh at regular residential rates, balance at 2.0¢ where total load is on one meter, applicable to customers so designated by the utility.

(F) Farm Customers — Apply general rate

MUNICIPAL ELECTRICAL SERVICE

December 31, 1968

are subject to 10% prompt payment discount
a minimum monthly charge

Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	COMMERCIAL SERVICE					INDUSTRIAL POWER SERVICE							
		Demand Rate per Kilowatt 50 Cents Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand						First Block	Second Block		All Addi- tional Hours			
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours			Hours' Use 50 100	Hours' Use 50 100		All Addi- tional Hours	200 Hours	300 Hours
¢ — 1.1	¢ — 1.35	°2.4 2.7	0.8 0.7	0.5 0.45	\$ 3.33 3.90	\$ 3.78 4.35	\$ 1.00 1.00	¢ — 1.9 2.1	¢ — 0.5 0.5	¢ 0.33 0.35		\$ 3.06 3.60	\$ 3.36 3.95	
— 1.1 1.2	1.5 1.5 1.5	°2.6 °3.6 °2.4	0.8 0.8 0.8	0.5 0.5 0.5	3.51 4.41 3.33	3.96 4.86 3.78	1.00 1.00 1.00	— 1.9 2.4 1.7	— — — 0.5 0.5 0.5	0.33 0.33 0.33		3.06 3.51 2.88	3.36 3.81 3.18	
1.4 1.1	1.5 # S	°2.9 2.5	0.8 0.8	0.5 0.5	3.78 3.80	4.23 4.30	1.00 1.00	— — 1.9	— — — 0.5 0.5	0.33 0.33		3.24 3.40	3.54 3.73	
#1.2 1.2	#1.35 1.35	General Rate (see notes) General Rate (see notes)						General Rate (see notes) General Rate (see notes)						
		°2.3a	0.7	0.45	3.45	3.90	1.00	— 1.7	— — 0.5 0.5	0.35 0.30 0.33		3.20	3.55	
1.1 1.1 #1.35	1.35 1.5 #1.35	°2.7 °2.1	0.7 0.8	0.45 0.5	3.90 3.06	4.35 3.51	1.00 1.00	— — 1.6	— — — 0.5 0.5 0.5	0.30 0.33 0.33		3.50 2.79	3.80 3.09	
— —	1.5 1.5	General Rate (see notes)						General Rate (see notes)						
		°2.7 °3.2	0.8 0.8	0.5 0.5	3.60 4.05	4.05 4.50	1.00 1.00	— — 2.2 2.8	— — — 0.5 0.5 0.5	0.33 0.33 0.33		3.33 3.87	3.63 4.17	
— 1.2	1.35 1.35	General Rate (see notes)						General Rate (see notes)						
		1.7 °2.6	— 0.7	0.7 0.45	2.90 3.80	3.60 4.25	1.00 1.00	— — 0.9 2.1	— — — 0.5 0.5 0.30	0.30 0.30		2.40 3.60	2.70 3.90	
—	—	General Rate (see notes)						General Rate (see notes)						
		2.0	0.8	0.5	3.30	3.80	1.00	— 1.4	— — 0.5 0.5	0.33 0.33		2.90	3.23	
— —	1.5 1.35	°3.0 °1.8	0.8 0.7	0.5 0.45	3.87 3.00	4.32 3.45	1.00 1.00	— — 2.5 1.1	— — — 0.5 0.5	0.33 0.35		3.60 2.60	3.90 2.95	
— 1.2	1.35 1.35	General Rate (see notes)						General Rate (see notes)						
		2.5	0.8	0.5	3.80	4.30	1.00	— 1.7	— — 0.5 0.5	0.35 0.35		3.20	3.55	
—	1.5	2.3	—	0.8	3.24	3.96	1.00	1.5	— 1.1	— — 0.30		2.34	2.61	
1.3 1.5 —	— 1.5 1.35	°2.9 °2.8	0.8 0.8	0.5 0.5	3.78 3.69	4.23 4.14	1.00 1.00	— — 2.2 2.1	— — — 0.5 0.5	0.33 0.33		3.33 3.24	3.63 3.54	
		General Rate (see notes)						General Rate (see notes)						
		General Rate (see notes)						General Rate (see notes)						
		General Rate (see notes)						General Rate (see notes)						
1.3 — 1.2 —	1.35 1.5 1.5 1.35	General Rate (see notes)						General Rate (see notes)						
		2.9 °2.0	0.8 0.8	0.5 0.5	4.20 2.97	4.70 3.42	1.00 1.00	— — 2.4 1.5	— — — 0.6 0.5	0.40 0.33		4.00 2.70	4.40 3.00	
		°3.8	0.8	0.5	4.59	5.04	1.00	— 3.3	— — 0.5 0.5	0.33 0.33		4.32	4.62	
		2.1	0.7	0.45	3.30	3.75	1.00	— 1.6	— — 0.5 0.5	0.35 0.35		3.10	3.45	

RATES AND TYPICAL BILLS FOR in Effect

*Rates are quoted on a monthly basis and
(unless otherwise noted) and*

		RESIDENTIAL SERVICE												
		Flat-Rate Water Heating per 100 Watts or Schedule Number	House Heating per Kwh (See Notes)		All-Electric Rate per Kwh	Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh			First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
		¢ No.	¢	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Plantagenet N 5%	- 43	□	4.0	1.0	50	4.0	2.0	w0.7	1.0	2.00	6.00	7.75	9.50	
Plattsville N 5%	- 42	□	-	-	50	2.7	1.1	w0.7	1.0	1.50	3.55	5.30	7.05	
Point Edward N 5%	- 38	☑	1.0	1.0	50	3.0	1.5	w0.7	1.0	1.50	4.50	6.25	8.00	
		Small Commercial			50	4.0	2.0	-	1.3	1.50	6.00	9.25	12.50	
Port Arthur	- 38	1.2	△	1.1	50	4.0	1.2	w0.6	0.9	2.00	3.96	5.31	6.66	
Port Burwell	- 45	☑	1.2	1.2	50	4.4	2.2	w0.8	1.2	2.78	5.94	7.74	9.54	
†Port Carling	- 41	1.22	-	-	50	4.4	2.2	w0.8	1.2	3.33	5.94	7.74	9.54	
Port Colborne N 5%	- 41	□	2.0	1.0	50	3.5	1.6	w0.7	1.0	2.00	4.95	6.70	8.45	
Port Credit N 5%	- 40	☑	z1.0	z1.0	50	3.5	1.5	w0.7	1.0	2.00	4.75	6.50	8.25	
		Small Commercial			50	4.0	1.5	-	1.2	2.00	5.00	8.00	11.00	
Port Dover	- 49	□	1.1	1.1	50	2.8	1.4	w0.8	1.1	2.22	3.78	5.58	7.38	
Port Elgin	- 44	□	1.2	1.2	50	3.2	1.6	0.9	1.3	2.00	4.32	6.34	8.37	
Port Hope N 5%	- 40	□	1.0	1.0	50	3.2	1.5	w0.7	1.0	2.00	4.60	6.35	8.10	
		Small Commercial			50	3.2	1.7	-	1.1	2.00	5.00	7.75	10.50	
Port McNicoll N 5%	- 44	☑	-	-	50	2.6	1.2	w0.7	1.0	2.00	3.70	5.45	7.20	
Port Perry N 5%	- 45	□	-	-	50	4.0	1.4	w0.7	1.0	2.00	4.80	6.55	8.30	
Port Rowan	- 50	1.2	-	-	50	3.0	1.4	w0.8	1.1	2.22	3.87	5.67	7.47	
Port Stanley N 5%	- 45	□	-	-	50	4.0	1.5	-	1.0	2.00	5.00	7.50	10.00	
		Small Commercial			50	4.0	1.5	-	1.2	2.00	5.00	8.00	11.00	
†Powassan	- 42	1.22	-	-	50	3.6	1.8	w0.8	1.1	1.67	4.86	6.66	8.46	
Prescott	- 37	1.1	1.1	1.1	50	2.4	1.2	w0.6	1.0	1.67	3.24	4.59	5.94	
Preston N 5%	- 37	□	2.6	1.0	50	3.2	1.6	w0.8	1.0	1.50	4.80	6.80	8.80	
		Small Commercial			50	3.2	1.6	-	1.0	1.50	4.80	7.30	9.80	
Priceville	- 47	□	-	-	50	4.0	2.0	-	1.2	2.00	5.40	8.10	10.80	
Princeton N 5%	- 45	□	-	-	50	2.2	1.1	w0.7	1.0	1.50	3.30	5.05	6.80	
Queenston	- 40	1.1	-	-	50	2.6	1.3	-	0.8	0.83	3.51	5.31	7.11	
Rainy River	- 48	☑	5.0	1.1	50	5.0	2.1	w0.7	1.1	2.50	6.03	7.60	9.18	
†Red Lake Twp.	- 45	☑	4.4	1.2	50	4.4	2.2	w0.9	1.2	2.22	5.94	7.96	9.99	
Red Rock N 5%	- 38	☑	-	-	50	3.6	1.2	w0.6	1.0	2.00	4.20	5.70	7.20	
Renfrew	- 36	1.1	-	-	50	2.6	1.3	0.7	1.0	1.11	3.51	5.08	6.66	
Richmond	- 35	1.2	1.1	1.1	50	3.0	1.3	w0.7	1.1	1.50	3.69	5.26	6.84	
Richmond Hill N 10%	- 37	☑	1.0	1.0	50	3.4	1.2	w0.7	1.0	1.70	4.10	5.85	7.60	
Ridgetown N 5%	- 40	-	1.0	1.0	50	3.0	1.5	w0.7	1.0	1.50	4.50	6.25	8.00	
Ripley	- 43	□	-	-	50	2.8	1.4	0.8	1.1	1.39	3.78	5.58	7.38	
Rockland N 5%	- 42	□	-	-	50	4.0	1.5	w0.7	1.0	2.00	5.00	6.75	8.50	
		Small Commercial			50	4.0	2.0	-	1.0	2.00	6.00	8.50	11.00	
Rockwood N 5%	- 45	□	4.0	1.0	50	4.0	1.7	w0.8	1.0	2.00	5.40	7.40	9.40	
		Small Commercial			50	4.0	1.7	-	1.0	2.00	5.40	7.90	10.40	
Rodney N 5%	- 45	□	2.0	1.0	50	4.0	1.4	w0.7	1.0	2.00	4.80	6.55	8.30	
Rosseau N 5%	- 43	□	-	-	50	3.0	1.3	w0.7	1.0	2.00	4.10	5.85	7.60	
Russell N 5%	- 42	□	-	-	50	3.0	1.3	w0.8	1.0	1.75	4.10	6.10	8.10	
St. Catharines N 5%	- 47	☑	1.0	1.0	50	4.0	1.3	w0.7	1.0	2.00	4.60	6.35	8.10	

△ First 1750 kwh regular residential rates.

□ Applicable to present residential and future commercial customers only.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1968

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kw/h	Space Heating per Kw/h (Alternative to Regular Rate)	Demand Rate per Kilowatt 50 Cents Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kw/h for Use of Each Kw of Demand				Net Monthly Bill for Use of 1 Kw of Demand		
		Energy Rate per Kw/h for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours				
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours		
\$ —	\$ 1.35	\$ 2.3	\$ 0.8	\$ 0.5	\$ 3.60	\$ 4.10	\$ 1.00	\$ —	\$ 1.6	\$ —	\$ 0.5	\$ 0.35	\$ 3.10	\$ 3.45
1.3	1.35	General Rate (see notes)			3.60	4.10	1.00	General Rate (see notes)			3.10	3.45		
—	1.5	General Rate (see notes)			4.23	4.68	1.00	General Rate (see notes)			3.60	3.99		
1.6	1.5	4.2	0.8	0.5	4.95	5.40	1.00	—	2.7	—	0.5	0.33	3.78	4.08
#1.2	#1.35	General Rate (see notes)						General Rate (see notes)						
—	#1.35	General Rate (see notes)						General Rate (see notes)						
1.1	1.5	2.7	0.8	0.5	3.60	4.05	1.00	—	1.6	—	0.5	0.33	2.79	3.09
1.2	1.5	2.8	0.8	0.5	3.69	4.14	1.00	—	2.2	—	0.5	0.33	3.33	3.63
—	1.35	2.2	0.7	0.45	3.40	3.85	1.00	—	1.7	—	0.5	0.35	3.20	3.55
#1.2	#1.35	General Rate (see notes)						General Rate (see notes)						
1.1	1.5	2.8	0.8	0.5	3.69	4.14	1.00	—	2.3	—	0.5	0.33	3.42	3.72
—	1.35	2.6	0.8	0.5	3.90	4.40	1.00	—	2.1	—	0.5	0.40	3.60	4.00
1.1	1.5	3.4	0.8	0.5	4.23	4.68	1.00	—	2.7	—	0.5	0.33	3.78	4.08
1.1	1.5	2.1	0.8	0.5	3.06	3.51	1.00	—	1.5	—	0.5	0.33	2.70	3.00
1.2	1.35	2.5	0.8	0.5	3.80	4.30	1.00	—	1.5	—	0.5	0.35	3.00	3.35
—	—	3.8	0.8	0.5	4.59	5.04	1.00	—	2.9	—	0.5	0.33	3.96	4.26
—	—	General Rate (see notes)						General Rate (see notes)						
—	—	2.4	0.8	0.5	3.33	3.78	1.00	—	1.8	—	0.5	0.33	2.97	3.27
1.3	1.5	3.0	0.8	0.5	3.87	4.32	1.00	—	2.5	—	0.5	0.33	3.60	3.90
1.2	1.5	3.8	0.8	0.5	4.59	5.04	1.00	—	3.3	—	0.5	0.33	4.32	4.62
—	1.5	General Rate (see notes)						General Rate (see notes)						
—	—	1.8	0.8	0.5	2.79	3.24	1.00	—	1.2	—	0.5	0.33	2.43	2.73
—	—	2.3	0.8	0.5	3.24	3.69	1.00	—	1.9	—	0.5	0.33	3.06	3.36
1.2	1.35	2.0	0.7	0.45	3.20	3.65	1.00	—	1.4	—	0.5	0.30	2.90	3.20
—	1.35	2.4	0.8	0.5	3.70	4.20	1.00	—	1.9	—	0.6	0.40	3.50	3.90
—	—	2.5	0.8	0.5	3.42	3.87	1.00	—	1.8	—	0.5	0.33	2.97	3.27
—	—	General Rate (see notes)						General Rate (see notes)						
1.2	1.35	2.5	0.8	0.5	3.80	4.30	1.00	—	2.0	—	0.5	0.35	3.50	3.85
1.1	1.35	General Rate (see notes)						General Rate (see notes)						
—	—	General Rate (see notes)						General Rate (see notes)						
—	—	General Rate (see notes)						General Rate (see notes)						
—	—	General Rate (see notes)						General Rate (see notes)						

RATES AND TYPICAL BILLS FOR in Effect

*Rates are quoted on a monthly basis and
(unless otherwise noted) and*

	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
St. Clair Beach . . . N 5%	- #42	□	3.5	1.0	50	4.5	1.5	w0.8	1.0	2.25	5.25	7.25	9.25
St. George N 5%	- 44	□	z1.0	z1.0	50	2.5	1.1	w0.7	1.0	1.50	3.45	5.20	6.95
St. Jacobs	- 42	☒	1.1	1.1	60	3.0	-	-	1.1	0.83	3.50	5.98	8.45
St. Mary's	S39	1.1	-	-	50	3.0	1.5	0.9	1.2	1.39	4.05	6.07	8.10
St. Thomas N 10%	- 40	□	1.0	1.0	50	3.5	1.5	w0.7	1.0	1.75	4.75	6.50	8.25
Sandwich West Twp. N 5%	- #41	□	4.0	1.0	50	4.5	2.1	w0.7	1.0	2.25	6.45	8.20	9.95
Sarnia N 5%	(- 40	□	2.0	1.0	50	3.7	1.6	w0.65	1.0	2.00	5.05	6.68	8.30
		Small Commercial			50	4.0	1.8	-	1.0	2.00	5.60	8.10	10.60
Scarborough	- 37	-	3.33	1.11	50	3.89	1.67	-	1.11	2.22	4.76	7.25	9.76
Schreiber Twp. . . . N 5%	- #41	☒	-	-	50	3.0	1.2	w0.7	1.0	2.00	3.90	5.65	7.40
Seaforth N 5%	- 36	□	2.0	1.0	50	4.0	1.4	0.7	1.0	2.00	4.80	6.55	8.30
Shelburne	- 43	□	-	-	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Simcoe N 5%	- 45	☒	z1.0	z1.0	50	2.4	1.1	w0.7	1.0	1.50	3.40	5.15	6.90
		Small Commercial			50	2.5	1.2	-	1.0	1.80	3.65	6.15	8.65
Sioux Lookout	- 49	□	-	-	50	4.0	1.5	w0.9	1.2	2.00	4.50	6.52	8.55
Smiths Falls	- 40	-	1.1	1.1	50	3.0	1.5	w0.8	1.1	1.50	4.05	5.85	7.65
Southampton	- 45	□	-	-	50	3.2	-	-	1.1	1.11	3.42	5.89	8.37
South Grimsby Twp. N 5%	- 44	□	-	-	50	3.5	1.2	w0.7	1.0	1.75	4.15	5.90	7.65
South Porcupine	- 42	1.22	-	-	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19
South River	- 45	☒	5.0	1.1	50	5.0	2.5	w0.8	1.1	2.22	6.75	8.55	10.35
Springfield N 5%	- 41	□	-	-	50	4.0	1.3	w0.7	1.0	2.00	4.60	6.35	8.10
		Small Commercial			50	4.0	1.5	-	1.1	2.00	5.00	7.75	10.50
Stayner N 10%	- 41	☒	-	-	50	2.4	1.2	w0.7	1.0	1.20	3.60	5.35	7.10
Stirling	- 38	□	-	-	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38
Stoney Creek	- 45	☒	1.1	1.1	50	3.6	1.6	w0.8	1.1	2.00	4.50	6.30	8.10
Stouffville	- 39	1.1	1.1	1.1	50	3.4	1.6	w0.7	1.1	1.70	4.41	5.98	7.56
Stratford N 5%	- 42	-	3.0	1.0	50	4.0	1.8	-	1.0	2.00	5.60	8.10	10.60
Strathroy N 5%	- 37	□	3.0	1.0	50	4.0	1.4	0.8	1.0	2.00	4.80	6.80	8.80
Streetsville	- 43	1.2	1.1	1.1	50	4.0	1.3	w0.7	1.1	2.00	4.14	5.71	7.29
Sturgeon Falls N 5%	- 44	□	1.1	1.1	50	3.5	1.6	w0.8	1.1	2.00	4.95	6.95	8.95
		Small Commercial			50	4.0	1.6	-	1.2	2.00	5.20	8.20	11.20
Sudbury N 5%	- 32	1.1	1.0	1.0	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40
Sunderland	- 40	□	-	-	50	2.6	1.3	0.7	1.1	1.11	3.51	5.08	6.66
Sundridge	- 43	☒	-	-	50	2.8	1.4	w0.8	1.1	2.22	3.78	5.58	7.38
Sutton	- 45	☒	-	-	50	4.0	1.7	w0.7	1.1	2.00	4.86	6.43	8.01
Tara	- 41	☒	-	-	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Tavistock N 5%	- 39	☒	-	-	50	3.5	1.1	w0.6	1.0	1.75	3.95	5.45	6.95
Tecumseh N 5%	- #41	□	3.5	1.0	50	4.5	1.5	w0.8	1.0	2.25	5.25	7.25	9.25
Teeswater	- 42	□	-	-	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Terrace Bay Twp.	- 36	1.3	1.11	1.11	50	2.6	1.3	-	0.9	1.67	3.51	5.53	7.56
Thamesford	- 45	☒	1.1	1.1	50	3.7	1.5	w0.8	1.1	2.00	4.36	6.16	7.96
Thamesville	- 45	□	-	-	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38
Thedford	- 45	□	-	-	50	3.0	1.5	w0.8	1.1	1.67	4.05	5.85	7.65
Thessalon	- 48	□	1.2	1.2	50	4.0	2.0	w0.8	1.2	2.22	5.40	7.20	9.00

MUNICIPAL ELECTRICAL SERVICE**December 31, 1967**

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kw/h	Space Heating per Kw/h (Alternative to Regular Rate)	Demand Rate per Kilowatt 50 Cents Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kw/h for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kw/h for Use of Each Kw of Demand												
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		First Block	Second Block		All Addi- tional Hours	200 Hours	300 Hours	
		Hours' Use 50	100	Hours' Use 50	100	All Addi- tional Hours								
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
—	#1.35	General Rate (see notes)						General Rate (see notes)						
—	—	General Rate (see notes)						General Rate (see notes)						
—	—	2.5	—	1.0	3.60	4.50	1.20	1.7	—	1.2	—	0.30	2.65	2.92
—	—	°2.5	0.8	0.5	3.42	3.87	1.00	—	1.5	—	0.5	0.33	2.70	3.00
—	1.35	°2.1	0.7	0.45	3.30	3.75	1.00	—	1.6	—	0.5	0.30	3.10	3.40
—	—	General Rate (see notes)						General Rate (see notes)						
—	—	2.7	0.8	0.5	4.00	4.50	\$1.00	—	1.9	—	0.5	0.35	3.40	3.75
1.2	1.5	°2.6	0.9	0.5	3.60	4.05	1.00	—	2.0	—	0.6	0.39	3.24	3.59
—	1.35	General Rate (see notes)						General Rate (see notes)						
—	—	General Rate (see notes)						General Rate (see notes)						
1.1	—	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.5	—	0.5	0.33	2.70	3.00
1.1	1.35	1.7	0.8	0.5	3.00	3.50	1.00	—	1.2	—	0.6	0.40	2.80	3.20
1.2	1.5	3.5	0.8	0.5	4.32	4.77	1.00	—	2.4	—	0.5	0.33	3.51	3.81
1.1	1.5	°2.0	0.8	0.5	2.97	3.42	1.00	—	1.4	—	0.5	0.33	2.61	2.91
—	1.5	2.9	—	1.1	4.05	5.04	1.35	2.2	—	1.4	—	0.33	3.13	3.43
—	—	General Rate (see notes)						General Rate (see notes)						
1.1	1.5	°3.3	0.8	0.5	4.14	4.59	1.00	—	2.4	—	0.5	0.33	3.51	3.81
1.2	1.5	°4.5	0.8	0.5	5.22	5.67	1.00	—	3.5	—	0.5	0.33	4.50	4.80
—	—	General Rate (see notes)						General Rate (see notes)						
1.0	1.35	°1.8	0.7	0.45	3.00	3.45	1.00	—	1.3	—	0.5	0.30	2.80	3.10
—	1.5	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.3	—	0.5	0.33	2.52	2.82
1.2	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	—	2.0	—	0.5	0.33	3.15	3.45
1.3	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	—	2.0	—	0.5	0.33	3.15	3.45
—	—	General Rate (see notes)						General Rate (see notes)						
1.1	1.35	°2.5	0.7	0.45	3.70	4.15	1.00	—	2.0	—	0.5	0.30	3.50	3.80
1.2	1.5	2.6	0.8	0.5	3.51	3.96	1.00	—	1.7	—	0.5	0.33	2.88	3.18
1.2	1.35	2.5	0.7	0.45	3.70	4.15	1.00	—	2.1	—	0.5	0.35	3.60	3.95
1.1	1.35	2.2	0.7	0.45	3.40	3.85	1.00	—	1.5	—	0.5	0.30	3.00	3.30
1.5	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.8	—	0.5	0.33	2.97	3.27
1.4	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	—	1.9	—	0.5	0.33	3.06	3.36
—	—	General Rate (see notes)						General Rate (see notes)						
1.1	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	—	2.2	—	0.5	0.33	3.33	3.63
—	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	—	1.9	—	0.5	0.33	3.06	3.36
—	#1.35	General Rate (see notes)						General Rate (see notes)						
—	1.5	General Rate (see notes)						General Rate (see notes)						
—	—	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.8	—	0.5	0.33	2.97	3.27
—	—	°2.2	0.8	0.5	3.15	3.60	1.00	—	1.7	—	0.5	0.33	2.88	3.18
1.4	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	—	2.3	—	0.5	0.33	3.42	3.72
—	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.7	—	0.5	0.33	2.88	3.18
1.1	1.5	°3.0	0.8	0.5	3.87	4.32	1.00	—	2.3	—	0.5	0.33	3.42	3.72
1.2	1.5	°3.8	0.8	0.5	4.59	5.04	1.00	—	3.2	—	0.5	0.33	4.23	4.53

RATES AND TYPICAL BILLS FOR in Effect

*Rates are quoted on a monthly basis and
(unless otherwise noted) and*

		Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
			House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
				First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
		¢ No.	¢	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Thornbury	N 5%	- 42	☑	3.4	1.0	50	3.4	1.6	w0.8	1.0	2.00	4.90	6.90	8.90
Thornedale		- 42	1.2	-	-	50	3.2	1.6	1.0	1.4	1.11	4.32	6.57	8.82
† Thornloe		- 42	1.39	-	-	50	4.0	2.0	w0.8	1.1	1.39	5.40	7.20	9.00
Thornnton	N 5%	-	☑	-	-	50	3.4	1.2	w0.7	1.0	1.70	4.10	5.85	7.60
Thorold		- 40	☑	-	-	50	4.0	2.1	w0.8	1.2	2.22	5.58	7.38	9.18
Tilbury		- 45	1.2	1.1	1.1	50	3.0	1.5	0.9	1.2	0.83	4.05	6.07	8.10
Tillsonburg		- 40	☐	1.1	1.1	50	3.0	1.5	0.8	1.1	1.67	4.05	5.85	7.65
† Timmins		- 42	☑	1.1	1.1	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19
† Schumacher		- 42	1.22	-	-	50	3.4	1.7	w0.8	1.1	1.39	4.59	6.39	8.19
Toronto	★	-	☐	1.22	1.22	60	3.33	-	-	1.4	2.22	4.19	7.34	10.49
Tottenham		- 43	☑	-	-	50	2.6	1.3	0.8	1.1	1.39	3.51	5.31	7.11
Trenton	N 5%	- 38	☑	-	-	50	2.6	1.2	0.7	1.0	1.50	3.70	5.45	7.20
			Small Commercial			50	2.6	1.2	-	1.0	1.50	3.70	6.20	8.70
Tweed		- 37	1.1	-	-	50	2.4	1.2	w0.7	1.0	1.50	3.24	4.81	6.39
Uxbridge	N 5%	- 44	☐	1.0	1.0	50	3.5	1.3	w0.7	1.0	2.00	4.35	6.10	7.85
			Small Commercial			50	3.5	1.5	-	1.0	2.00	4.75	7.25	9.75
Vankleek Hill . .	N 10%	- 37	☑	1.0	1.0	50	2.2	1.1	w0.6	1.0	1.50	3.30	4.80	6.30
Vaughan Twp. . . .	N 5%	- 42	-	2.0	1.0	50	4.5	1.5	w0.7	1.0	2.25	5.25	7.00	8.75
Victoria Harbour .	N 5%	- 49	☑	-	-	50	3.4	1.4	w0.7	1.1	2.00	4.50	6.25	8.00
Walkerton		38 -	☐	-	-	50	2.6	1.3	0.8	1.1	1.11	3.51	5.31	7.11
Wallaceburg	N 5%	- 41	☑	-	-	50	3.0	1.3	w0.7	1.0	1.50	4.10	5.85	7.60
			Small Commercial			50	3.0	1.3	-	1.0	1.50	4.10	6.60	9.10
Wardsville	N 5%	- 45	☐	-	-	50	3.5	1.2	w0.8	1.0	1.75	4.15	6.15	8.15
Warkworth	N 5%	- 41	-	3.2	1.0	50	4.0	1.8	w0.7	1.0	2.00	5.60	7.35	9.10
Wasaga Beach		- 42	☐	-	-	50	3.6	1.8	-	1.1	1.67	4.86	7.33	9.81
Waterdown	N 5%	-	☐	3.2	1.0	50	4.0	1.6	w0.7	1.0	2.00	5.20	6.95	8.70
			Small Commercial			50	4.5	2.2	-	1.0	2.50	6.65	9.15	11.65
Waterford		- 45	☑	1.1	1.1	50	3.4	1.6	w0.8	1.1	2.22	4.41	6.21	8.01
Waterloo	N 5%	- 40	☑	3.0	1.0	50	4.0	1.6	w0.7	1.0	2.50	5.20	6.95	8.70
Watford		- 45	☐	-	-	50	2.8	1.4	0.8	1.1	1.11	3.78	5.58	7.38

★ System-owned

First 400 watts \$2.90 per month
Each 100 watts additional 40¢/month for element ratings above 400 watts, plus a monthly charge for larger tank sizes as follows:
30¢ for 1,000-watt and 1,200-watt
40¢ for 1,500-watt
50¢ for 2,000-watt and 2,500-watt
55¢ for heaters 3,000-watts and over
"Cascade 40" - 1000/3000-watt elements - \$5.82 per month

Other installation

1000/1000 watt elements - \$5.60/month
1500/1500 watt elements - 7.70/month
1500/4500 watt elements - 8.03/month
2000/2000 watt elements - 9.80/month
2000/6000 watt elements - 10.24/month

★ Customer-owned

The following rates are applicable to energy only.
\$1.98/month for the first 400 watts plus an incremental charge of 40¢/month per 100 watts for element ratings above 400 watts.
For installations consisting of dual elements the total monthly charges are as follows:
"Cascade 40" - 1000/3000-watt elements - \$4.61 per month

Other installations

1000/1000 watt elements - \$4.38/month
1500/1500 watt elements - 6.39/month
1500/4500 watt elements - 6.72/month
2000/2000 watt elements - 8.39/month
2000/6000 watt elements - 8.83/month

MUNICIPAL ELECTRICAL SERVICE**December 31, 1967**

*are subject to 10% prompt payment discount
a minimum monthly charge*

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kw/h	Space Heating per Kw/h (Alternative to Regular Rate)	Demand Rate per Kilowatt 50 Cents Minimum 50 Cents			Net Monthly Bill for Use of 1 Kw of Demand		Demand Rate per Kw	Energy Rate per Kw/h for Use of Each Kw of Demand			Net Monthly Bill for Use of 1 Kw of Demand			
		Energy Rate per Kw/h for Use of Each Kw of Demand						First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours				
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours					200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	\$
—	1.45	General Rate (see notes)						General Rate (see notes)						
1.1	1.5	°2.7	0.8	0.5	3.60	4.05	1.00	—	1.9	—	0.5	0.33	3.06	3.36
		°3.6	0.8	0.5	4.41	4.86	1.00	—	2.4	—	0.5	0.33	3.51	3.81
1.3	1.5	General Rate (see notes)						General Rate (see notes)						
		3.3	0.8	0.5	4.14	4.59	1.00	—	1.8	—	0.5	0.33	2.97	3.27
—	—	°2.6	0.8	0.5	3.51	3.96	1.00	—	1.9	—	0.5	0.33	3.06	3.36
—	1.5	°2.5	0.8	0.5	3.42	3.87	1.00	—	1.8	—	0.5	0.33	2.97	3.27
1.1	1.5	°3.3	0.8	0.5	4.14	4.59	1.00	—	2.4	—	0.5	0.33	3.51	3.81
1.1	1.5	°3.3	0.8	0.5	4.14	4.59	1.00	—	2.4	—	0.5	0.33	3.51	3.81
*1.33	1.5	b2.3	0.8	0.6	3.78	4.32	1.10	—	2.1	—	0.55	0.38	3.37	3.72
1.5	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	—	2.1	—	0.5	0.33	3.24	3.54
1.1	1.35	1.9	0.7	0.45	3.10	3.55	1.00	—	1.3	—	0.5	0.35	2.80	3.15
1.0	1.5	°1.9	0.8	0.5	2.88	3.33	1.00	—	1.3	—	0.5	0.33	2.52	2.82
1.1	1.35	2.6	0.7	0.45	3.80	4.25	1.00	—	2.1	—	0.5	0.35	3.60	3.95
1.2	1.35	°1.5	0.7	0.45	2.70	3.15	1.00	—	1.0	—	0.5	0.30	2.50	2.80
		General Rate (see notes)						General Rate (see notes)						
—	1.45	General Rate (see notes)						General Rate (see notes)						
—	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.4	—	0.5	0.33	2.61	2.91
1.0	1.35	1.9	0.7	0.5	3.10	3.60	1.00	—	1.6	—	0.5	0.35	3.10	3.45
		General Rate (see notes)						General Rate (see notes)						
		General Rate (see notes)						General Rate (see notes)						
—	—	°3.0	0.8	0.5	3.87	4.32	1.00	—	2.5	—	0.5	0.33	3.60	3.90
—	—	2.3	0.8	0.5	3.60	4.10	1.00	—	2.0	—	0.5	0.35	3.50	3.85
1.1	1.5	°2.9	0.8	0.5	3.78	4.23	1.00	—	2.2	—	0.5	0.33	3.33	3.63
1.2	1.35	2.5	0.8	0.5	3.80	4.30	1.00	—	2.0	—	0.5	0.40	3.50	3.90
1.1	—	°2.7	0.8	0.5	3.60	4.05	1.00	—	2.2	—	0.5	0.33	3.33	3.63

* Maximum \$5.50 per month

b Demand rate \$1.10 per kw

RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and
(unless otherwise noted) and

	Flat-Rate Water Heating per 100 Watts or Schedule Number	RESIDENTIAL SERVICE											
		House Heating per Kwh (See Notes)	All-Electric Rate per Kwh		Number of Kwh Supplied in First Block	Rate per Kwh for				Minimum Monthly Charge Gross	Net Monthly Bill for		
			First 50 Kwh	All Addi- tional Kwh		First Block of Kwh	Next 200 Kwh	Next 500 Kwh	All Addi- tional Kwh		250 Kwh	500 Kwh	750 Kwh
	¢ No.	¢	¢	¢	No.	¢	¢	¢	¢	\$	\$	\$	\$
Waubashene . . . N 5%	- 47	<input checked="" type="checkbox"/>	-	-	50	3.3	1.3	w0.7	1.0	2.00	4.25	6.00	7.75
Webbwood N 5%	- 43	<input type="checkbox"/>	3.0	1.0	50	4.5	2.0	w0.7	1.0	2.25	6.25	8.00	9.75
Welland N 5%	- 42	1.0	2.0	1.0	50	3.2	1.6	w0.7	1.0	1.75	4.80	6.55	8.30
		Small Commercial			50	4.0	2.0	1.0x	1.6	2.50	6.00	8.50	11.00
Wellesley N 5%	- 42	<input type="checkbox"/>	1.6	1.0	50	4.0	1.4	w0.7	1.0	2.00	4.80	6.55	8.30
Wellington N 5%	- 41	<input type="checkbox"/>	-	-	50	2.7	1.1	w0.7	1.0	1.50	3.55	5.30	7.05
West Lorne	- 43	-	1.1	1.1	50	3.0	1.5	w0.8	1.1	1.11	4.05	5.85	7.65
Westport	- 38	1.2	1.1	1.1	50	2.7	1.3	w0.7	1.0	1.50	3.55	5.13	6.70
Wheatley N 5%	- 45	<input type="checkbox"/>	-	-	50	4.0	1.2	w0.7	1.0	2.00	4.40	6.15	7.90
Whitby N 5%	- 40	1.2	3.0	1.0	50	4.0	1.5	w0.8	1.0	3.00	5.00	7.00	9.00
† White River	- 60	<input checked="" type="checkbox"/>	-	-	50	7.5	3.6	w1.0	1.33	3.75	9.85	12.10	14.35
Warton N 5%	- 43	<input checked="" type="checkbox"/>	-	-	50	2.8	1.2	w0.7	1.0	2.00	3.80	5.55	7.30
Williamsburg	- 45	<input type="checkbox"/>	-	-	50	2.6	1.3	w0.8	1.1	1.30	3.51	5.31	7.11
Winchester N 5%	- 43	<input type="checkbox"/>	-	-	50	3.0	1.2	w0.7	1.0	1.50	3.90	5.65	7.40
Windermere	45 -	<input type="checkbox"/>	-	-	50	3.2	1.6	1.0	1.4	1.67	4.32	6.57	8.82
Windsor N 5%	- *40	<input type="checkbox"/>	2.5	1.0	50	4.5	1.5	w0.7	1.0	2.25	5.25	7.00	8.75
Wingham	- 43	<input type="checkbox"/>	-	-	50	2.4	1.2	0.7	1.1	1.11	3.24	4.81	6.39
Woodbridge	- 42	1.2	-	-	50	2.8	1.4	0.8	1.1	0.83	3.78	5.58	7.38
Woodstock N 5%	- S38	<input checked="" type="checkbox"/>	2.5	1.0	50	4.0	1.6	w0.7	1.0	2.00	5.20	6.95	8.70
Woodville N 5%	- 42	<input checked="" type="checkbox"/>	-	-	50	3.2	1.1	w0.6	1.0	1.60	3.80	5.30	6.80
Wyoming N 5%	- 45	<input type="checkbox"/>	-	-	50	2.9	1.2	w0.7	1.0	1.75	3.85	5.60	7.35
		Small Commercial			50	2.9	1.2	-	1.0	1.75	3.85	6.35	8.85
York N 5%	- 37	1.2	z1.0	z1.0	50	2.6	1.1	-	0.9	2.00	3.50	5.75	8.00
Zurich	- 45	<input type="checkbox"/>	1.2	1.2	60	3.7	-	-	1.2	0.83	4.05	6.75	9.45

* Applicable to General-rate customers only.

NOTES:

All-electric Service

Applicable where electricity is the sole source of energy in the residence, including all-electric house heating and electric water heating supplied through a single meter.

House Heating

Applicable where electric energy is used to heat an entire dwelling, or any part of a dwelling in excess of 25% of the floor area.

☐ Energy supplied through residential service meter at applicable rates.

☒ Energy metered separately at end residential rate, or energy supplied through residential service meter at applicable rates.

§ Farm customers billed at standard rural rates.

§§ Farm customers billed at special rates.

Applicable only to customers now being served.

o Commercial service customers with connected load of under 5 kilowatts billed at residential rates.

† Retail service provided by The Hydro-Electric Power Commission of Ontario.

a Demand rate 45¢ per kw

N Rates are net (Subject to 5% or 10% delayed payment charge).

S Special rates OR if standard rates shown, special rates are available to selected categories.

w Special rate for metered water-heating service only. When loads are subject to central control, these rates may be somewhat lower.

z Applicable for single metered apartment blocks only.

x Denotes the next 1000 kwh.

MUNICIPAL ELECTRICAL SERVICE

December 31, 1968

are subject to 10% prompt payment discount
a minimum monthly charge

COMMERCIAL SERVICE							INDUSTRIAL POWER SERVICE							
Commercial Cooking per Kwh	Space Heating per Kwh (Alternative to Regular Rate)	Demand Rate per Kilowatt 50 Cents Minimum 50 Cents				Net Monthly Bill for Use of 1 Kw of Demand	Demand Rate per Kw	Energy Rate per Kwh for Use of Each Kw of Demand					Net Monthly Bill for Use of 1 Kw of Demand	
		Energy Rate per Kwh for Use of Each Kw of Demand												
		First 100 Hours	Next 100 Hours	All Addi- tional Hours	200 Hours	300 Hours		First Block Hours' Use 50 100	Second Block Hours' Use 50 100	All Addi- tional Hours	200 Hours	300 Hours		
¢	¢	¢	¢	¢	\$	\$	\$	¢	¢	¢	¢	¢	\$	¢
#1.0	1.35	General Rate (see notes)						General Rate (see notes)						
		General Rate (see notes)						General Rate (see notes)						
		General Rate (see notes)						General Rate (see notes)						
—	1.5	°2.6	0.8	0.5	3.51	3.96	1.00	—	2.1	—	0.5	0.33	3.24	3.54
—	—	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.8	—	0.5	0.33	2.97	3.27
1.2	1.35	General Rate (see notes)						General Rate (see notes)						
1.6	1.5	General Rate (see notes)						General Rate (see notes)						
—	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.5	°2.4	0.8	0.5	3.33	3.78	1.00	—	2.4	—	0.5	0.33	3.51	3.81
—	1.5	°2.8	0.8	0.5	3.69	4.14	1.00	—	2.3	—	0.5	0.33	3.42	3.72
1.35	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.5	General Rate (see notes)						General Rate (see notes)						
—	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.5	°2.1	0.8	0.5	3.06	3.51	1.00	—	1.6	—	0.5	0.33	2.79	3.09
1.1	1.5	°2.3	0.8	0.5	3.24	3.69	1.00	—	1.8	—	0.5	0.33	2.97	3.27
1.35	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.35	General Rate (see notes)						General Rate (see notes)						
—	1.35	2.4	0.7	0.45	3.60	4.05	1.00	—	1.9	—	0.5	0.35	3.40	3.75
#1.1	#1.5	General Rate (see notes)						General Rate (see notes)						
—	1.5	3.4	—	0.9	4.32	5.13	1.35	3.1	—	2.0	—	0.33	3.81	4.10

Municipal Electrical
NET MONTHLY BILLS FOR FLAT RATE WATER

Also applicable to utilities using gross rate schedules providing

Element rating	SCHEDULE																
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
watts	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
400	.90	.94	.97	1.01	1.04	1.08	1.12	1.15	1.19	1.22	1.26	1.30	1.33	1.37	1.40	1.44	1.48
450	1.01	1.05	1.09	1.13	1.17	1.22	1.26	1.30	1.34	1.38	1.42	1.46	1.50	1.54	1.58	1.62	1.66
500	1.13	1.17	1.22	1.26	1.31	1.35	1.40	1.44	1.49	1.53	1.58	1.62	1.67	1.71	1.76	1.80	1.85
550	1.24	1.29	1.34	1.39	1.44	1.49	1.53	1.58	1.63	1.68	1.73	1.78	1.83	1.88	1.93	1.98	2.03
600	1.35	1.40	1.46	1.51	1.57	1.62	1.67	1.73	1.78	1.84	1.89	1.94	2.00	2.05	2.11	2.16	2.21
650	1.43	1.49	1.54	1.60	1.66	1.72	1.77	1.83	1.89	1.94	2.00	2.06	2.12	2.17	2.23	2.29	2.35
700	1.51	1.57	1.63	1.69	1.75	1.81	1.87	1.93	1.99	2.05	2.11	2.17	2.23	2.29	2.35	2.41	2.47
750	1.60	1.66	1.72	1.79	1.85	1.91	1.98	2.04	2.11	2.17	2.23	2.30	2.36	2.42	2.49	2.55	2.62
800	1.67	1.74	1.80	1.87	1.94	2.00	2.07	2.14	2.20	2.27	2.34	2.40	2.47	2.54	2.61	2.67	2.74
850	1.75	1.82	1.89	1.96	2.03	2.10	2.17	2.24	2.31	2.38	2.45	2.52	2.59	2.66	2.73	2.80	2.87
900	1.84	1.91	1.98	2.06	2.13	2.20	2.28	2.35	2.42	2.50	2.57	2.64	2.72	2.79	2.86	2.94	3.01
950	1.92	2.00	2.07	2.15	2.23	2.30	2.38	2.46	2.53	2.61	2.69	2.76	2.84	2.92	3.00	3.07	3.15
1,000	2.00	2.08	2.16	2.24	2.32	2.40	2.48	2.56	2.64	2.72	2.80	2.88	2.96	3.04	3.12	3.20	3.28
1,000/3,000	2.12	2.21	2.30	2.38	2.47	2.55	2.64	2.72	2.81	2.89	2.98	3.06	3.14	3.23	3.31	3.40	3.48
1,500/4,500	3.19	3.31	3.44	3.57	3.70	3.83	3.95	4.08	4.20	4.34	4.46	4.59	4.72	4.84	4.97	5.10	5.23

NOTE: Net monthly rates for all balanced element sizes over 1,000 watts are calculated as follows:

Rate for 1,000-watt element X $\frac{\text{Element Rating}}{1,000}$

NOTES

Service Charges

- a 33¢ per month per service when the permanently installed appliance load is under 2,000 watts and 66¢ per month when 2,000 watts or more.
- b Demand rate 8.5¢ per 100 watts, minimum 50¢.

House Heating

Applicable where electric energy is used to heat an entire dwelling or a portion of a dwelling in excess of 25% of the floor area.

- Energy supplied through residential service meter at standard rates.
- Ø Energy metered separately at end residential rate, or energy supplied through residential service meter at standard rates.

All-Electric Service

Applicable to all energy sold to residential customers using all-electric house heating and electric water-heating supplied through the residential service meter.

- ▲ The first 1,750 kwh use per month to be billed at regular residential rates.
- z Applicable to multiple dwelling units served through one meter.

Service**HEATING AT SCHEDULE NUMBER INDICATED***payment is made on or before last date for net payment*

NUMBER																			
42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1.51	1.55	1.58	1.62	1.66	1.69	1.73	1.76	1.80	1.84	1.87	1.91	1.94	1.98	2.02	2.05	2.09	2.12	2.16	
1.70	1.74	1.78	1.82	1.86	1.90	1.94	1.98	2.03	2.06	2.11	2.14	2.18	2.22	2.27	2.30	2.34	2.39	2.45	
1.89	1.94	1.98	2.03	2.07	2.12	2.16	2.21	2.25	2.30	2.34	2.39	2.43	2.48	2.52	2.57	2.61	2.66	2.70	
2.08	2.13	2.18	2.23	2.28	2.33	2.38	2.43	2.48	2.53	2.57	2.63	2.68	2.73	2.77	2.83	2.88	2.93	2.99	
2.27	2.32	2.38	2.43	2.48	2.54	2.59	2.65	2.70	2.75	2.81	2.86	2.92	2.97	3.02	3.08	3.13	3.19	3.24	
2.40	2.46	2.52	2.57	2.63	2.69	2.75	2.80	2.86	2.93	2.99	3.03	3.08	3.14	3.20	3.26	3.31	3.38	3.44	
2.53	2.59	2.65	2.71	2.77	2.83	2.89	2.95	3.01	3.08	3.13	3.20	3.26	3.32	3.38	3.44	3.49	3.56	3.62	
2.68	2.74	2.81	2.87	2.93	3.00	3.06	3.13	3.19	3.26	3.31	3.38	3.44	3.51	3.58	3.65	3.71	3.76	3.82	
2.81	2.87	2.94	3.01	3.07	3.14	3.21	3.27	3.34	3.41	3.47	3.54	3.60	3.67	3.74	3.82	3.89	3.94	4.00	
2.94	3.01	3.08	3.15	3.22	3.29	3.36	3.43	3.51	3.56	3.64	3.71	3.78	3.85	3.92	4.00	4.07	4.13	4.19	
3.08	3.16	3.23	3.30	3.38	3.45	3.52	3.60	3.67	3.74	3.82	3.89	3.96	4.04	4.12	4.19	4.27	4.33	4.39	
3.23	3.30	3.38	3.46	3.53	3.61	3.69	3.76	3.84	3.92	4.00	4.07	4.14	4.22	4.30	4.38	4.46	4.54	4.61	
3.36	3.44	3.52	3.60	3.68	3.76	3.84	3.92	4.00	4.08	4.16	4.24	4.32	4.40	4.48	4.56	4.64	4.73	4.81	
3.57	3.65	3.74	3.83	3.91	4.00	4.08	4.17	4.25	4.34	4.42	4.51	4.59	4.67	4.76	4.84	4.93	5.01	5.10	
5.36	5.48	5.61	5.73	5.87	5.99	6.12	6.25	6.37	6.50	6.63	6.76	6.89	7.01	7.14	7.26	7.40	7.52	7.65	

Special Rates or Discounts

- ‡ First 60 kwh of monthly consumption at 2.0¢, second 60 kwh and all kwh in excess of 1,000 at 1.0¢.
 ★ Flat-rate water-heater service—Toronto.

System-owned

- First 400 watts \$2.90 per month.
 Each 100 watts additional 40¢ per month, plus a monthly charge for larger tank sizes as follows:
 30¢ for 1000 watt and 1200 watt heaters
 40¢ for 1500 watt heaters.
 50¢ for 2000 watt and 2500 watt heaters.
 55¢ for 3000 watts and over.
 1000/3000 watt Cascade 40—\$5.82 gross per month.

Customer-owned

- First 400 watts \$1.98 per month
 Each 100 watts additional 40¢ per month.

- w Special rate for metered water-heating customers only.
 When loads are subject to central control, these rates may be somewhat lower.
 N Rates are net (subject to 5% or 10% Delayed Payment Charge).
 n Residential rates are net (subject to 5% Delayed Payment Charge).
 ° Commercial customers with a connected load of under 5 kilowatts billed at residential rates.
 † Rate applicable to existing customers only, future customers to be billed at General Rate.
 § Farm customers billed at standard rural rates.
 §§ Farm customers billed at special rates.
 S Special rate applicable to selected categories.

GENERAL AND

Rates quoted are net and are subject to a

	GENERAL RATE (0-5000 KW)							
	Demand Charges				Energy Charges			
	1st Block at N.C.	2nd Block		Balance	1st	Next	Next Block	
	Kw	Kw	\$/Kw	\$/Kw	50 Kwh ¢/Kwh	200 Kwh ¢/Kwh	Size Kwh	¢/Kwh
Alexandria	50	—	—	1.80	4.0	2.0	9,750	1.4
Alvinston	50	—	—	1.60	4.0	1.6	9,750	1.3
Apple Hill	50	—	—	1.20	3.2	1.2	9,750	1.1
Arkona	50	—	—	1.20	3.5	1.2	9,750	1.1
Athens	50	—	—	1.60	4.0	2.0	9,750	1.3
* Barrie	50	—	—	1.55	4.0	1.6	9,750	1.35
Bath	50	—	—	1.50	4.0	1.5	9,750	1.25
Bolton	50	—	—	1.80	4.0	2.0	9,750	1.4
Bothwell	25	25	0.90	1.70	4.0	1.5	4,750	1.35
Brantford	10	40	1.00	1.50	3.6	1.5	1,750	1.35
Brockville	50	—	—	1.70	4.0	1.6	9,750	1.35
Burford	50	—	—	1.70	4.0	2.0	9,750	1.35
Caledonia	50	—	—	1.60	3.6	1.8	9,750	1.3
* Cannington	50	—	—	1.20	3.1	1.2	9,750	1.1
Casselman	50	—	—	1.60	3.0	1.8	9,750	1.3
Chalk River	50	—	—	1.70	4.0	2.3	9,750	1.35
Chapleau Twp.	50	—	—	1.80	5.0	2.5	9,750	1.5
Chippawa	50	—	—	1.60	4.0	2.0	9,750	1.3
Coldwater	50	—	—	1.70	3.0	1.5	9,750	1.35
Delhi	50	—	—	1.60	3.5	1.6	9,750	1.3
Elora	50	—	—	1.70	5.0	2.5	9,750	1.35
Embro	50	—	—	1.40	3.5	1.5	9,750	1.2
Finch	50	—	—	1.70	3.5	1.5	9,750	1.35
Fonthill	50	—	—	1.70	4.4	2.2	9,750	1.35
Gravenhurst	50	—	—	1.60	3.0	1.5	9,750	1.3
Hagersville	50	—	—	1.60	3.6	1.8	9,750	1.3
Harriston	50	—	—	1.70	4.5	2.2	9,750	1.35
Harrow	50	—	—	1.70	4.5	1.5	9,750	1.35
Hastings	50	—	—	1.70	4.0	2.0	9,750	1.35
Hawkesbury	50	—	—	1.90	3.4	2.0	9,750	1.45
Hespeler	50	—	—	1.60	4.0	2.0	9,750	1.3
Ingersoll	50	—	—	1.40	4.0	1.5	9,750	1.2
Kingsville	50	—	—	1.70	3.0	1.5	9,750	1.35
Lanark	50	—	—	1.60	3.0	1.5	9,750	1.3
Lancaster	50	—	—	1.40	3.4	1.3	9,750	1.2
Leamington	50	—	—	1.70	4.0	1.5	9,750	1.35
Lindsay	50	—	—	1.60	3.0	1.4	9,750	1.3
London	50	—	—	1.70	5.0	1.8	9,750	1.35
Magnetawan	50	—	—	1.40	3.0	1.5	9,750	1.2
Massey	50	—	—	1.30	4.0	1.9	9,750	1.15
† Mattawa	50	—	—	1.80	4.5	3.0	9,750	1.5
Maxville	50	—	—	1.70	3.5	1.5	9,750	1.35
Midland	50	—	—	1.40	2.8	1.4	9,750	1.2
Milton	50	—	—	1.50	3.0	1.4	9,750	1.25
Mitchell	50	—	—	1.70	4.0	1.7	9,750	1.35
Newboro	50	—	—	1.40	4.0	1.6	9,750	1.2
Nipigon Twp.	50	—	—	1.50	3.8	1.4	9,750	1.25
North Bay	25	25	1.10	1.70	4.0	2.0	4,750	1.35
Oakville	50	—	—	1.90	5.0	2.5	9,750	1.5
Orangeville	50	—	—	1.70	3.5	1.8	9,750	1.35
Oshawa	50	—	—	1.50	4.0	1.5	9,750	1.25
Paisley	50	—	—	1.70	3.4	1.7	9,750	1.35
Pembroke	25	25	0.90	1.90	5.0	3.0	4,750	1.8
Penetanguishene ..	50	—	—	1.30	3.0	1.4	9,750	1.15
Perth	50	—	—	1.50	3.3	1.7	9,750	1.25

LARGE USER RATES

delayed payment charge unless otherwise noted.

GENERAL RATE (0-5000 KW)					LARGE USER RATE Over 5000 Kw		◊INTERMEDIATE RATE 500-5000 Kw		Minimum Bill ◊ \$/Month
Energy Charges									
Next Block		Next Block		Balance ¢/Kwh	Demand Charge \$/Kwh	Energy Charge ¢/Kwh	Demand Charge \$/Kwh	Energy Charge ¢/Kwh	
Size Kwh	¢/Kwh	Size Kwh	¢/Kwh						
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	1.60
—	—	—	—	0.5	—	—	—	—	1.75
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.55	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.00
5,000	0.9	—	—	0.5	—	—	—	—	2.00 π
8,000	0.8	—	—	0.5	2.00	0.3	2.00	0.3	2.00
—	—	—	—	0.5	2.20	0.3	1.95	0.4	2.00
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.6	—	—	—	—	1.67
—	—	—	—	0.5	—	—	—	—	1.50
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.55	—	—	—	—	2.50
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	1.50
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.50
—	—	—	—	0.5	—	—	—	—	1.75
—	—	—	—	0.5	—	—	—	—	1.75
—	—	—	—	0.5	—	—	—	—	2.50
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	1.80
—	—	—	—	0.5	—	—	2.50	0.4	2.25
—	—	—	—	0.5	—	—	—	—	2.25
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	1.90	0.4	2.00
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	1.50
—	—	—	—	0.5	—	—	—	—	1.70
—	—	—	—	0.5	—	—	—	—	2.00
—	—	1,490,000	0.5	0.3	2.20	0.3	—	—	1.50
—	—	1,365,000	0.5	0.3	2.25	0.3	—	—	2.50
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.6	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	1.75
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.25
—	—	—	—	0.5	—	—	—	—	2.00
5,000	0.8	—	—	0.5	—	—	2.15	0.4	2.50 π
—	—	—	—	0.55	2.75	0.3	—	—	2.50
—	—	—	—	0.5	—	—	—	—	2.00
—	—	1,865,000	0.5	0.3	2.25	0.3	—	—	2.00
—	—	—	—	0.5	—	—	—	—	2.00
5,000	1.25	—	—	0.55	—	—	2.15	0.45	2.00 π
—	—	—	—	0.5	—	—	—	—	1.50
—	—	—	—	0.5	—	—	—	—	2.00

π 25 kw and under

GENERAL AND

Rates quoted are net and are subject to a

	GENERAL RATE (0-5000 Kw)							
	Demand Charges				Energy Charges			
	1st Block at N.C. Kw	2nd Block		Bal- ance \$/Kwh	1st 50 Kwh ¢/Kwh	Next 200 Kwh ¢/Kwh	Next Block	
		Kw	\$/Kw				Size Kwh	¢/Kwh
Peterborough	50	—	—	1.50	5.0	1.7	9,750	1.25
Plantagenet	50	—	—	1.50	4.5	2.5	9,750	1.25
Plattsville	50	—	—	1.70	3.0	1.5	9,750	1.35
Port Arthur	50	—	—	1.30	3.6	1.4	9,750	1.15
Port Colborne	50	350	1.70	—	5.0	2.5	9,750	1.35
Port Credit	50	—	—	1.90	4.5	2.2	9,750	1.5
Port McNicoll	50	—	—	1.60	2.6	1.4	9,750	1.3
Port Perry	50	—	—	1.70	4.0	1.5	9,750	1.35
Princeton	50	—	—	1.20	3.0	1.5	9,750	1.1
Red Rock	50	—	—	1.70	4.0	1.6	9,750	1.35
Rockland	50	—	—	1.90	4.0	2.0	9,750	1.45
Rodney	50	—	—	1.60	4.0	1.5	9,750	1.3
Rosseau	50	—	—	1.40	3.0	1.5	9,750	1.2
Russell	50	—	—	1.60	3.0	1.5	9,750	1.3
St. Catharines	25	25	1.10	1.70	5.0	2.5	4,750	1.35
St. Clair Beach	50	—	—	1.70	4.5	1.5	9,750	1.35
St. George	50	—	—	1.70	3.5	1.5	9,750	1.35
Sandwich West Twp. ..	50	—	—	1.70	4.5	2.5	9,750	1.35
Schreiber Twp.	50	—	—	1.70	4.0	2.0	9,750	1.35
Seaforth	50	—	—	1.70	4.0	2.0	9,750	1.35
South Grimsby Twp. ..	50	150	1.70	—	5.0	2.5	9,750	1.35
Springfield	50	—	—	1.60	4.0	2.0	9,750	1.3
Stratford	50	—	—	1.70	4.5	2.3	9,750	1.35
Tavistock	50	—	—	1.20	4.0	1.3	9,750	1.1
Tecumseh	50	—	—	1.70	4.5	1.5	9,750	1.35
Thornbury	50	—	—	1.90	3.4	1.6	9,750	1.45
Thornton	50	—	—	1.60	3.4	1.6	9,750	1.3
Vaughan Twp.	50	—	—	1.70	5.0	2.1	9,750	1.35
Victoria Harbour	50	—	—	1.90	3.6	1.7	9,750	1.45
Wardsville	50	—	—	1.70	5.0	2.5	9,750	1.35
Warkworth	50	—	—	1.80	4.0	2.0	9,750	1.4
Waubashene	50	—	—	1.70	3.3	1.6	9,750	1.35
Webbwood	50	—	—	1.50	4.5	2.0	9,750	1.25
Welland	50	—	—	1.70	5.0	2.5	9,750	1.35
Wellesley	50	—	—	1.70	5.0	2.0	9,750	1.35
Wellington	50	—	—	1.20	2.7	1.3	9,750	1.1
Wheatley	50	—	—	1.70	4.0	1.5	9,750	1.35
Whitby	50	—	—	1.70	4.5	2.0	9,750	1.35
Wiaraton	50	—	—	1.70	3.4	1.7	9,750	1.35
Winchester	50	—	—	1.40	3.0	1.4	9,750	1.2
Windsor	50	—	—	1.70	4.5	1.7	9,750	1.35
Woodstock	50	—	—	1.70	4.5	1.8	9,750	1.35
Woodville	50	—	—	1.60	3.2	1.5	9,750	1.3
York	25	25	1.00	1.60	2.6	—	4,950	1.4

NOTES:

Rates quoted are net (unless otherwise stated) and subject to a delayed payment charge of 5% or 10% if bills not paid on or before due date.
Rates are based upon service at utilization voltage; where the customer provides transformation facilities, the authorized allowance will apply.

○ Applicable to customers billed on energy rates only. When demand charge billed, minimum bill becomes \$0.25 per kw for all kilowatts, based on maximum demand established in previous eleven months or the contracted amount, whichever is the greater.

● This minimum also applicable to customers billed on power demand

○ Where intermediate rate is applicable to customers with loads of 500 to 5000 kw, the basic general rate applies to customers with loads under 500 kw.

delayed payment charge unless otherwise noted.

† Retail service provided by The Hydro-Electric Power Commission of Ontario.

CUSTOMERS, REVENUE,
for the Year Ended
In Forty Major Municipal
(Arranged in descending order

	TOTAL REVENUE (including Street Lighting)	TOTAL CONSUMPTION (including Street Lighting)	RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
			Revenue	Consumption	Cus tomers	● Monthly Consumption per Customer	Average Cost per Kwh
	\$	kwh	\$	kwh		kwh	¢
Toronto	54,667,265	4,826,722,236	15,309,063	1,135,674,699	198,221	476	1.35
Hamilton	30,066,137	3,652,940,424	6,203,745	524,967,128	83,941	525	1.18
North York	24,915,386	2,090,547,683	11,264,456	936,053,739	112,817	697	1.20
Ottawa	19,501,462	1,851,265,588	6,389,574	776,066,587	88,671	732	0.82
Etobicoke	18,357,113	1,660,631,856	7,448,258	649,230,990	79,776	680	1.15
Scarborough	16,082,873	1,383,421,166	7,514,102	620,506,249	78,392	669	1.21
London*	12,288,798	1,024,761,042	5,301,883	367,076,830	58,553	529	1.44
Windsor*	11,713,264	1,005,358,517	4,285,497	289,296,407	53,704	450	1.48
Mississauga	10,393,403	949,600,770	3,794,768	312,184,006	30,630	879	1.22
St. Catharines*	7,455,509	746,805,008	2,360,828	177,406,587	27,894	536	1.33
Oshawa*	6,181,517	643,457,819	2,331,802	219,353,189	22,194	817	1.06
Kitchener	6,997,114	632,807,817	2,341,640	211,511,557	29,027	620	1.11
Oakville*	5,925,071	628,430,874	1,752,322	134,980,798	13,616	835	1.30
York*	5,839,458	584,788,681	2,697,806	264,009,736	41,666	\$511	1.02
Guelph	4,339,610	369,793,536	1,631,044	124,926,868	14,717	717	1.31
Peterborough*	3,836,458	360,397,505	1,770,199	149,183,708	15,894	\$761	1.19
Brantford*	3,660,152	345,892,643	1,431,137	115,586,985	18,222	539	1.24
Burlington	4,265,143	345,335,954	2,236,576	175,791,625	18,995	790	1.27
Sarnia	3,467,571	332,678,266	1,321,673	100,862,622	15,706	541	1.31
Sudbury	3,741,249	328,812,531	2,069,176	205,017,961	23,844	723	1.01
Kingston	3,464,031	319,572,066	1,446,427	133,727,346	16,478	679	1.08
Port Arthur*	2,866,173	280,547,284	1,105,109	105,856,438	13,291	665	1.04
Niagara Falls	3,510,107	267,865,693	1,409,027	103,292,221	16,698	520	1.36
Nepean Twp	3,313,472	267,099,205	1,893,104	148,854,721	12,493	1,011	1.27
East York	2,914,027	262,215,934	1,577,723	140,135,168	23,843	490	1.13
Fort William	2,359,642	248,737,445	1,014,163	119,362,103	13,856	720	0.85
Waterloo	2,666,627	228,343,053	884,290	74,646,894	7,640	804	1.18
North Bay*	2,587,562	220,609,635	1,233,538	100,202,566	12,755	\$663	1.23
Galt	2,369,370	211,684,162	946,943	77,867,640	10,040	650	1.22
Welland*	2,390,703	200,078,792	758,531	52,006,703	10,797	\$397	1.46
Chatham	2,665,484	197,162,859	730,900	47,241,288	9,371	424	1.55
Brampton	2,426,008	190,221,712	1,013,456	75,815,006	8,603	737	1.34
Woodstock*	1,908,690	178,465,494	711,807	61,149,824	7,295	\$670	1.16
Belleville	1,894,703	172,726,350	876,075	83,210,746	10,357	675	1.05
Barrie ⊕	1,723,579	166,076,667	794,294	73,522,053	8,143	767	1.08
Stratford*	1,926,657	151,586,230	736,398	54,168,270	6,873	657	1.36
St. Thomas	1,607,401	137,495,380	678,526	52,387,002	7,905	556	1.30
Vaughan Twp.*	1,411,382	131,147,416	527,543	43,014,369	4,534	791	1.23
Gloucester Twp.	1,569,362	127,986,001	754,053	55,937,983	5,908	851	1.35
Brockville*	1,366,345	127,363,337	600,493	50,344,439	6,113	692	1.19

*Municipalities so indicated have general rate in effect. See note on page 230

⊕ General rate applies to former industrial power service customers only

\$ Estimated

AND CONSUMPTION
December 31, 1968
Electrical Utilities
of total consumption)

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	● Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
11,768,378	835,536,255	25,202	2,761	1.41	26,335,954	2,788,078,312	7,669	598,432	30,355	0.95
4,533,454	376,262,265	9,256	3,421	1.20	18,719,363	2,728,331,642	912	462,026	245,530	0.69
8,795,313	714,536,165	8,267	7,430	1.23	4,386,752	411,839,779	1,240	115,316	28,340	1.07
12,001,771	1,003,887,161	11,685	7,186	1.20	548,177	53,283,220	147	14,995	30,104	1.03
3,665,645	280,480,175	3,842	6,215	1.31	6,666,243	711,016,013	1,356	170,032	44,701	0.94
4,260,682	338,922,146	4,019	7,326	1.26	4,087,422	404,683,971	713	102,151	49,376	1.01
6,617,145	643,762,972	5,569	9,825	1.03	*	*	*	*	*	*
6,958,610	699,389,410	6,447	9,083	0.99	*	*	*	*	*	*
1,848,571	139,603,666	1,443	8,672	1.32	4,444,326	492,115,282	428	96,744	97,875	0.90
4,871,022	559,054,421	3,023	15,426	0.87	*	*	*	*	*	*
3,686,145	417,228,870	2,629	14,091	0.88	*	*	*	*	*	*
1,743,996	132,604,657	1,826	6,132	1.32	2,690,432	280,141,603	269	67,613	86,144	0.96
4,092,387	490,688,272	2,059	20,035	0.83	*	*	*	*	*	*
3,069,209	313,517,745	4,200	\$9,731	0.98	*	*	*	*	*	*
811,045	55,388,057	1,119	4,121	1.46	1,746,800	184,637,283	126	42,912	118,357	0.95
1,921,836	206,787,797	1,865	\$12,584	0.93	*	*	*	*	*	*
2,105,972	226,381,077	2,110	8,998	0.93	*	*	*	*	*	*
992,557	74,113,370	997	6,598	1.34	974,121	92,655,039	193	26,227	40,962	1.05
778,115	56,751,394	936	5,104	1.37	1,224,852	170,820,570	158	33,621	89,811	0.72
1,201,590	95,854,772	2,388	3,390	1.25	282,439	22,896,749	308	8,710	6,277	1.23
1,315,190	111,801,538	2,719	3,482	1.18	589,869	69,787,407	170	17,694	33,714	0.85
1,609,433	168,931,246	1,611	8,717	0.95	*	*	*	*	*	*
1,353,494	104,900,619	1,138	7,682	1.29	572,667	54,503,137	95	14,031	47,810	1.05
1,071,574	83,612,282	919	7,785	1.28	342,512	34,101,202	64	7,527	46,586	1.00
769,816	69,547,257	1,104	5,288	1.11	437,709	47,648,725	92	11,575	42,468	0.92
704,387	70,532,326	1,768	3,500	1.00	509,837	54,325,016	84	19,393	37,260	0.94
728,909	56,285,583	880	5,394	1.30	941,380	93,987,125	97	19,222	81,163	1.00
1,308,674	118,277,892	1,954	\$5,649	1.11	*	*	*	*	*	*
350,818	26,371,500	591	3,802	1.33	980,032	104,578,222	154	27,066	57,335	0.94
1,527,325	145,149,446	1,226	\$12,505	1.05	*	*	*	*	*	*
715,903	40,031,270	1,232	2,657	1.79	1,092,852	106,072,737	291	25,505	30,428	1.03
650,664	47,838,422	574	7,119	1.36	685,708	64,811,484	125	16,636	43,556	1.06
1,139,683	114,707,150	963	\$13,817	0.99	*	*	*	*	*	*
539,000	41,473,517	1,018	3,424	1.30	392,216	44,770,421	121	11,184	30,962	0.88
414,969	32,671,216	618	4,438	1.27	499,269	58,791,582	120	⊕	41,344	0.85
1,095,389	94,547,540	928	8,601	1.16	*	*	*	*	*	*
257,501	19,486,456	461	3,703	1.32	633,593	64,535,266	147	16,072	37,608	0.98
876,366	87,501,847	1,158	6,297	1.00	*	*	*	*	*	*
608,591	57,253,766	370	14,371	1.06	189,645	13,724,476	49	5,357	24,596	1.38
719,801	75,524,236	839	7,619	0.95	*	*	*	*	*	*

**CUSTOMERS, REVENUE,
for the Year Ended
(By Municipalities)**

	Popula- tion	Total Customers	Peak Load Decem- ber 1968	RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Acton	4,604	1,551	7,668	122,055	11,193,616	1,438	674	1.09
Ailsa Craig	558	237	494	12,802	1,169,730	214	464	1.09
Ajax	10,331	3,036	13,141	247,995	18,881,778	2,826	581	1.31
Alexandria*	2,953	1,122	4,771	94,130	8,682,029	935	\$750	1.08
Alfred	1,110	368	1,357	35,689	3,141,745	337	792	1.14
Alliston	3,214	1,212	4,348	87,467	8,477,156	1,020	691	1.03
Almonte	3,518	1,213	4,077	93,164	8,718,500	1,124	647	1.07
Alvinston*	637	341	522	13,454	816,740	277	248	1.65
Amherstburg	4,616	1,577	6,174	114,655	10,919,496	1,445	658	1.05
Ancaster Twp. (incl. Ancaster) ..	15,183	1,169	3,671	147,321	11,828,985	1,114	886	1.25
Apple Hill*	325	120	247	7,454	619,970	101	525	1.20
Arkona*	419	203	391	14,164	1,200,530	170	592	1.18
Arnprior	5,728	1,961	8,023	150,606	15,585,929	1,786	730	0.97
Arthur	1,271	557	1,414	40,465	3,734,743	488	640	1.08
Athens*	1,021	389	1,042	27,558	2,660,842	336	\$640	1.04
Atikokan Twp.	6,178	1,813	4,641	204,985	14,785,721	1,658	732	1.39
Aurora	10,662	3,130	11,782	242,480	22,954,305	2,824	689	1.06
Avonmore	229	115	251	9,079	601,594	102	491	1.51
Aylmer	4,452	1,681	7,256	132,675	13,367,321	1,526	743	0.99
Ayr	1,178	437	1,410	33,066	3,128,023	359	747	1.06
Baden	946	306	1,355	25,971	2,448,286	288	706	1.06
†Bala	x449	861	1,183	54,487	2,446,000	781	261	2.23
Bancroft	2,220	815	2,578	69,881	6,046,260	724	704	1.16
Barrie ⊕	25,481	8,881	34,843	794,294	73,522,053	8,143	767	1.08
Barry's Bay	1,451	473	1,236	29,596	2,505,583	431	486	1.18
Bath*	752	279	758	23,520	1,959,232	249	661	1.20
Beachburg	559	224	582	17,284	1,308,855	207	526	1.32
Beachville	982	338	2,718	23,989	2,303,760	325	599	1.04
Beamsville	4,047	1,395	3,524	106,030	8,127,672	1,272	536	1.30
†Beardmore	849	311	597	25,177	1,682,800	234	581	1.50
Beaverton	1,207	645	2,324	47,648	4,684,420	594	663	1.02
Beeton	998	354	881	26,761	2,575,420	333	650	1.04
Belle River	2,549	904	1,848	64,164	4,488,630	846	455	1.43
Belleville	32,908	11,496	37,808	876,075	83,210,746	10,357	675	1.05
Belmont	750	256	1,408	24,538	1,960,811	240	698	1.25
Blenheim	3,301	1,282	2,841	71,480	5,697,324	1,143	418	1.25
†Blind River	3,394	1,141	3,606	106,923	7,704,500	945	674	1.39
Bloomfield	714	294	716	20,546	1,939,115	272	592	1.06
Blyth	779	353	1,165	24,600	2,270,080	312	607	1.08
Bobcaygeon	1,244	837	2,015	66,510	5,042,961	742	576	1.32

* Municipalities so indicated have general rate in effect. See note on page 230

⊕ General rate applies to former industrial power service customers only

† Retail service provided by the Hydro-Electric Power Commission of Ontario

§ Estimated

x Excluding summer population

AND CONSUMPTION

December 31, 1968

Alphabetically Arranged)

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	● Monthly Consumption per Customer	Ave- rage Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
36,920	2,453,638	75	2,782	1.50	180,416	15,596,343	38	4,573	34,659	1.16
4,519	309,720	17	1,434	1.46	8,322	523,530	6	313	6,712	1.59
130,043	10,302,418	125	6,896	1.26	332,276	33,668,094	85	9,346	33,203	0.99
116,614	9,989,354	187	88,258	1.17	*	*	*	*	*	*
10,576	664,770	21	2,638	1.59	10,156	729,480	10	327	6,079	1.39
82,523	5,277,412	160	2,801	1.56	65,700	7,084,703	32	1,841	19,045	0.93
29,699	2,443,126	70	3,156	1.22	47,797	6,214,895	19	1,502	26,559	0.77
8,894	574,340	64	748	1.55	*	*	*	*	*	*
69,668	5,179,650	92	4,053	1.35	139,937	14,708,130	40	3,669	31,030	0.95
38,410	2,315,067	47	4,193	1.66	5,827	439,289	8	142	4,576	1.33
1,453	106,120	19	465	1.37	*	*	*	*	*	*
4,779	383,210	33	968	1.25	*	*	*	*	*	*
80,056	6,386,661	151	3,525	1.25	154,297	20,350,005	24	3,933	67,833	0.76
18,249	1,212,284	53	2,062	1.51	7,131	327,412	16	269	1,760	2.18
11,764	961,528	53	83,446	1.22	*	*	*	*	*	*
95,218	5,390,856	145	3,120	1.77	7,197	516,563	10	181	4,305	1.39
120,958	9,554,332	261	3,185	1.27	147,144	14,824,447	45	4,185	27,151	0.99
3,298	173,880	12	1,260	1.90	949	44,950	1	32	3,746	2.11
74,558	5,909,066	120	4,003	1.26	91,134	7,403,256	35	2,978	18,145	1.23
14,737	946,683	64	1,233	1.56	21,635	1,266,957	14	669	7,541	1.71
5,786	415,297	13	2,662	1.39	24,166	2,080,767	5	714	34,679	1.16
14,277	686,000	74	783	2.08	2,042	146,500	6	48	2,035	1.39
37,901	2,360,273	77	2,676	1.61	11,890	779,510	14	366	4,640	1.53
414,969	32,671,216	618	4,438	1.27	499,269	58,791,582	120	⊕	41,344	0.85
21,076	1,693,182	40	4,031	1.24	1,475	104,550	2	50	3,485	1.41
8,205	598,900	30	1,664	1.37	*	*	*	*	*	*
3,728	253,126	13	1,688	1.47	8,266	610,760	4	243	12,724	1.35
2,636	179,020	11	1,421	1.47	89,973	13,653,774	2	2,167	568,907	0.66
65,204	4,659,624	110	3,788	1.40	14,262	780,855	13	438	5,206	1.83
17,488	1,078,600	75	1,183	1.62	197	10,800	2	5	450	1.82
20,898	1,806,030	36	4,427	1.16	21,082	1,652,030	15	887	9,178	1.28
4,874	280,435	14	1,731	1.74	6,631	488,250	7	144	5,813	1.36
35,850	2,438,548	50	4,064	147	6,313	412,555	8	185	4,297	1.53
539,000	41,473,517	1,018	3,424	1.30	392,216	44,770,421	121	11,184	30,962	0.88
4,364	256,567	11	1,944	1.70	43,575	4,010,734	5	979	66,846	1.09
51,390	3,299,185	107	2,511	1.56	44,635	2,964,750	32	1,175	7,375	1.51
76,682	4,614,300	190	2,056	1.66	51,611	4,290,700	6	919	59,593	1.20
8,166	581,274	16	2,936	1.40	5,094	287,825	6	206	4,361	1.77
9,452	593,940	32	1,571	1.59	17,633	1,649,310	9	425	15,271	1.07
20,591	1,049,743	83	1,114	1.96	13,599	794,696	12	354	6,307	1.71

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1968	RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Bolton*	2,390	731	2,376	73,214	5,921,995	619	\$757	1.24
Bothwell*	860	356	762	21,115	1,788,310	283	\$493	1.18
Bowmanville	8,442	2,831	12,595	240,424	23,829,034	2,645	753	1.01
Bracebridge	3,260	1,386	4,600	105,293	9,129,150	1,134	679	1.15
Bradford	2,771	988	3,312	74,752	7,065,160	851	709	1.06
Braeside	490	161	2,204	11,543	975,042	154	526	1.18
Brampton	37,324	9,302	43,898	1,013,456	75,815,006	8,603	737	1.34
Brantford*	60,140	20,332	70,642	1,431,137	115,586,985	18,222	539	1.24
Brantford Twp.	9,214	2,824	11,257	356,228	27,413,291	2,638	874	1.30
Brechin	236	103	216	5,219	549,900	89	512	0.95
Bridgeport	2,236	600	1,920	72,644	5,472,742	552	822	1.33
Brigden	524	213	384	9,794	846,020	189	377	1.16
Brighton	2,729	1,120	3,075	85,971	8,091,777	1,041	652	1.06
Brockville*	19,830	6,952	27,380	600,493	50,344,439	6,113	692	1.19
Brussels	836	394	1,008	31,453	2,579,250	355	608	1.22
Burford*	1,126	463	1,178	40,274	3,524,063	380	\$737	1.14
Burgessville	298	109	327	8,857	830,990	93	749	1.07
Burk's Falls	818	360	1,451	29,842	2,586,006	328	647	1.15
Burlington	75,930	20,185	81,133	2,236,576	175,791,625	18,995	790	1.27
Cache Bay	658	189	442	12,284	1,025,110	186	479	1.20
Caledonia*	2,944	983	1,908	58,471	4,502,597	839	\$426	1.30
Campbellford	3,505	1,401	4,527	80,167	10,277,493	1,252	691	0.78
Campbellville	258	91	255	9,190	773,369	84	776	1.19
Cannington*	1,031	470	1,326	32,999	3,287,490	399	697	1.00
Capreol	3,151	1,075	3,118	110,106	9,270,174	1,010	777	1.19
Cardinal	1,907	686	1,433	43,350	3,910,466	640	512	1.11
Carleton Place	4,938	1,862	5,315	144,265	11,989,516	1,739	574	1.20
Casselman*	1,271	416	1,378	29,998	2,548,177	336	\$617	1.18
Cayuga	1,039	417	872	28,096	2,198,858	373	493	1.28
Chalk River*	1,043	281	699	28,401	2,251,080	256	\$739	1.26
Chapleau Twp.*	3,658	1,054	2,422	114,703	6,203,180	903	\$528	1.85
Chatham	31,938	10,894	39,571	730,900	47,241,288	9,371	424	1.55
Chatsworth	383	199	438	13,117	1,188,300	181	558	1.10
Chesley	1,671	800	1,863	48,417	4,774,540	663	606	1.01
Chesterville	1,269	493	2,065	35,569	3,403,289	451	637	1.05
Chippawa*	4,219	1,292	2,589	96,638	7,039,864	1,192	\$487	1.37
Clifford	532	247	566	18,303	1,595,187	223	602	1.15
Clinton	3,318	1,325	3,578	97,750	8,527,220	1,190	601	1.15
†Cobalt	2,018	746	1,680	63,395	4,370,400	632	583	1.45
Cobden	850	402	1,071	23,080	2,572,366	370	581	0.90

* Municipalities so indicated have general rate in effect. See note on page 230

† Retail service provided by The Hydro-Electric Power Commission of Ontario

‡ Estimated

AND CONSUMPTION

December 31, 1968

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av- erage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	● Monthly Consumption per Customer	Av- erage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
46,249	3,422,881	112	\$4,564	1.35	*	*	*	*	*	*
17,327	1,088,870	73	\$1,905	1.59	*	*	*	*	*	*
98,845	9,159,230	164	4,741	1.08	159,482	19,269,677	22	5,390	69,818	0.83
72,968	5,460,682	227	2,041	1.34	24,789	2,511,955	25	884	8,373	0.99
40,749	2,648,012	107	2,062	1.54	42,186	3,897,189	30	1,184	11,009	1.08
1,593	105,160	5	1,753	1.51	67,357	7,725,840	2	1,816	321,910	0.87
650,664	47,838,422	574	7,119	1.36	685,708	64,811,484	125	16,636	43,556	1.06
2,105,972	226,381,077	2,110	8,998	0.93	*	*	*	*	*	*
91,608	6,979,220	119	5,216	1.31	242,242	21,347,838	67	7,072	26,954	1.13
2,852	233,250	13	1,495	1.22	440	14,640	1	26	1,220	3.01
28,806	1,858,542	41	4,023	1.55	6,454	284,430	7	183	3,386	2.27
4,571	342,490	18	1,543	1.33	5,386	176,540	6	253	2,263	3.05
35,366	2,568,326	68	3,147	1.38	14,869	1,171,501	11	446	8,875	1.27
719,801	75,524,236	839	7,619	0.95	*	*	*	*	*	*
10,327	620,620	32	1,567	1.66	6,383	330,583	7	186	3,444	1.93
23,202	1,521,887	83	\$2,642	1.52	*	*	*	*	*	*
5,956	265,690	15	1,476	2.24	1,364	31,000	1	54	2,583	4.40
13,535	956,100	28	2,846	1.42	12,938	1,009,000	4	341	21,021	1.28
992,557	74,113,370	997	6,598	1.34	974,121	92,655,039	193	26,227	40,962	1.05
1,759	122,750	3	2,923	1.43	-	-	-	-	-	-
43,635	3,210,471	144	\$3,065	1.36	*	*	*	*	*	*
49,621	5,009,541	128	3,300	0.99	23,809	2,766,894	21	1,003	10,980	0.86
2,163	153,233	7	1,824	1.41	-	-	-	-	-	-
13,136	1,256,780	71	1,435	1.05	*	*	*	*	*	*
27,838	1,826,200	55	2,871	1.52	17,290	1,825,470	10	383	15,212	0.95
11,176	777,251	42	1,542	1.44	1,259	111,200	4	35	2,317	1.13
57,029	3,555,977	108	2,757	1.60	59,990	6,041,731	15	1,634	30,514	0.99
24,748	1,860,049	80	\$2,296	1.33	*	*	*	*	*	*
14,572	917,090	34	2,011	1.59	8,602	292,040	10	313	2,212	2.95
9,660	704,990	25	\$2,448	1.37	*	*	*	*	*	*
57,288	2,829,888	151	\$3,111	2.02	*	*	*	*	*	*
715,903	40,031,270	1,232	2,657	1.79	1,092,852	106,072,737	291	25,505	30,428	1.03
4,968	321,840	17	1,625	1.54	394	9,750	1	20	813	4.04
20,412	1,390,428	109	1,053	1.47	15,461	1,144,968	28	510	3,408	1.35
9,913	726,727	33	1,923	1.36	43,944	4,489,568	9	1,184	44,015	0.98
35,360	2,591,870	100	\$3,673	1.36	*	*	*	*	*	*
4,411	327,948	17	1,656	1.35	4,736	391,310	7	117	4,658	1.21
55,466	3,777,400	108	2,915	1.47	27,163	1,742,750	27	799	5,586	1.56
27,821	1,493,900	107	1,158	1.86	12,138	1,059,400	7	284	13,582	1.15
10,593	781,334	27	2,368	1.36	4,468	206,470	5	236	3,441	2.16

CUSTOMERS, REVENUE, for the Year Ended

				RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
	Popula- tion	Total Customers	Peak Load Decem- ber 1968	Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Cobourg	10,662	3,535	18,429	314,520	29,549,508	3,203	772	1.06
Cochrane	4,480	1,418	4,515	120,709	9,012,249	1,184	631	1.34
Colborne	1,499	651	1,995	48,168	4,344,852	533	690	1.11
Coldwater*	759	329	1,194	27,597	2,671,360	273	§786	1.03
Collingwood	8,513	3,483	15,019	245,757	22,865,330	3,171	594	1.07
Comber	579	245	462	14,354	1,124,660	220	426	1.28
Coniston	2,732	724	2,027	67,374	5,863,223	702	705	1.15
Cookstown	715	283	826	22,262	2,277,810	258	746	0.98
Cottam	656	264	455	14,951	1,268,120	239	444	1.18
Courtright	666	234	391	15,508	916,451	218	353	1.69
Creemore	928	376	996	26,025	2,587,050	346	628	1.01
Dashwood	435	194	532	18,371	1,324,020	182	610	1.39
Deep River	5,637	1,510	6,953	165,870	16,564,320	1,377	1,001	1.00
Delaware	437	154	407	15,387	1,230,480	145	717	1.25
Delhi*	3,696	1,601	4,298	76,109	7,287,075	1,310	469	1.04
Deseronto	1,800	626	1,645	44,163	3,868,521	589	551	1.14
Dorchester	1,145	382	838	25,733	2,253,690	362	520	1.14
Drayton	686	285	727	25,834	1,912,380	254	626	1.35
Dresden	2,417	980	2,782	58,190	4,492,377	888	423	1.30
Drumbo	447	180	384	13,931	1,276,777	172	619	1.09
Dryden	6,727	2,187	6,687	217,818	17,175,116	2,049	698	1.27
Dublin	309	127	480	8,931	835,443	109	639	1.07
Dundalk	871	534	1,297	33,668	3,017,840	475	540	1.12
Dundas	15,868	5,121	15,843	457,737	35,405,346	4,752	631	1.29
Dunnville	5,279	2,084	5,549	99,929	7,902,301	1,828	362	1.26
Durham	2,166	951	2,741	67,801	5,886,957	857	578	1.15
Dutton	733	363	629	17,134	1,325,431	336	332	1.29
East York	97,069	25,039	56,915	1,577,723	140,135,168	23,843	490	1.13
Eganville	1,366	522	1,514	32,638	2,783,252	460	511	1.17
†Elk Lake Townsite	§650	219	521	18,744	1,412,900	170	685	1.33
Elmira	4,333	1,488	6,578	116,802	10,606,655	1,344	669	1.10
Elmvale	1,062	457	1,387	30,815	2,914,740	412	595	1.06
Elmwood	§450	153	278	8,037	744,510	142	438	1.08
Elora*	1,684	597	1,565	51,203	4,058,235	515	665	1.26
Embro*	660	271	764	21,909	1,993,496	221	767	1.10
Embrun	1,274	370	1,602	44,509	3,415,892	344	847	1.30
†Englehart	1,670	656	1,380	48,559	3,141,800	545	481	1.55
Erieau	456	385	547	21,478	1,795,664	351	432	1.20
Erie Beach	x212	149	122	8,186	377,410	142	223	2.17
Erin	1,259	498	1,249	43,826	3,914,064	457	725	1.12

* Municipalities so indicated have general rate in effect. See note on page 230

† Retail service provided by The Hydro-Electric Power Commission of Ontario

§ Estimated

x Excluding summer population

AND CONSUMPTION

December 31, 1968

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av- erage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers Monthly Loads Billed	● Monthly Consumption per Customer	Av- erage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
197,868	16,109,182	312	4,864	1.23	324,154	41,375,513	20	9,032	80,185	0.78
82,201	5,279,827	223	2,023	1.56	45,763	5,130,500	11	952	38,867	0.89
27,774	1,504,139	103	1,205	1.85	17,322	1,360,453	15	404	7,819	1.27
20,664	1,573,788	56	\$5,219	1.31	*	*	*	*	*	*
120,482	9,703,569	227	3,618	1.24	315,169	35,714,102	85	8,744	37,202	0.88
7,308	455,110	18	1,945	1.61	5,561	198,390	7	219	2,362	2.80
9,816	603,190	17	2,957	1.63	3,799	257,770	5	102	4,774	1.47
4,020	272,790	20	1,196	1.47	2,305	149,140	5	94	2,486	1.88
3,637	242,720	17	1,156	1.50	4,782	102,520	8	248	1,068	4.66
6,629	396,950	14	2,363	1.67	760	79,130	2	15	3,297	0.96
8,228	637,040	25	2,082	1.29	2,195	123,500	5	101	2,058	1.78
2,742	155,530	8	1,620	1.76	10,802	548,790	4	289	11,433	1.97
104,948	7,741,427	128	4,906	1.36	13,272	1,034,800	5	422	15,679	1.28
4,340	209,600	9	2,055	2.07	-	-	-	-	-	-
108,430	8,401,975	291	2,414	1.29	*	*	*	*	*	*
11,063	765,247	24	2,603	1.45	28,161	2,138,203	13	818	13,706	1.32
4,651	255,650	16	1,253	1.82	6,365	325,710	4	220	6,786	1.95
6,854	400,933	28	1,193	1.71	4,503	198,020	3	135	5,501	2.27
33,121	2,084,780	69	2,694	1.59	93,312	7,635,207	23	2,381	27,664	1.22
1,793	87,520	6	1,216	2.05	856	26,315	2	41	1,096	3.25
137,188	9,325,817	133	5,714	1.47	8,427	688,100	5	191	11,468	1.22
5,382	391,390	16	2,174	1.38	7,726	341,440	2	205	14,227	2.26
15,747	1,005,210	43	2,018	1.57	11,420	749,464	16	409	4,029	1.52
194,517	14,197,675	262	4,733	1.37	178,114	15,120,642	107	5,419	11,944	1.18
90,115	6,291,533	220	2,444	1.43	114,206	10,423,966	36	3,562	22,860	1.10
30,152	2,127,760	70	2,646	1.42	38,428	2,717,470	24	1,199	9,436	1.41
6,815	480,090	20	2,000	1.42	4,599	186,227	7	177	1,940	2.47
769,816	69,547,257	1,104	5,288	1.11	437,709	47,648,725	92	11,575	42,468	0.92
22,754	1,329,546	54	1,996	1.71	13,414	1,102,931	8	323	11,489	1.22
8,838	584,000	48	936	1.51	845	26,400	1	29	1,467	3.20
56,374	3,606,204	101	3,098	1.56	167,715	16,054,091	43	4,512	31,853	1.04
24,009	1,768,290	31	4,912	1.36	4,546	269,008	14	169	1,601	1.69
1,743	106,056	10	982	1.64	2,031	86,000	1	67	7,167	2.36
27,014	1,965,865	82	2,074	1.37	*	*	*	*	*	*
9,454	666,265	50	1,110	1.42	*	*	*	*	*	*
15,436	1,054,960	19	4,508	1.46	7,898	418,650	7	278	4,984	1.89
30,818	1,764,700	106	1,387	1.75	8,262	720,400	5	183	12,007	1.15
7,588	529,250	30	1,470	1.43	4,306	215,925	4	129	3,999	1.99
778	31,580	7	376	2.46	-	-	-	-	-	-
14,406	993,945	34	2,436	1.45	4,944	260,600	7	178	2,896	1.90

CUSTOMERS, REVENUE,
for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1968	RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Espanola	5,639	1,582	5,039	159,788	14,048,653	1,491	804	1.14
Essex	3,785	1,282	3,182	89,829	7,703,553	1,150	564	1.17
Etobicoke	266,117	84,974	330,686	7,448,258	649,230,990	79,776	680	1.15
Exeter	3,170	1,414	3,755	123,791	9,878,478	1,244	678	1.25
Fenelon Falls	1,457	884	2,292	62,220	4,913,840	757	561	1.27
Fergus	5,008	1,735	9,980	147,035	12,556,513	1,577	680	1.17
Finch*	379	173	445	11,253	946,853	131	\$527	1.19
Flesherton	510	250	940	16,830	1,892,440	220	704	0.89
Fonthill*	2,937	994	2,264	70,514	6,077,932	907	578	1.16
Forest	2,237	943	2,350	70,790	6,848,466	857	675	1.03
Fort William	48,615	15,708	49,244	1,014,163	119,362,103	13,856	720	0.85
Frankford	1,861	681	1,679	51,585	5,025,748	633	670	1.03
Galt	34,996	10,785	44,752	946,943	77,867,640	10,040	650	1.22
Georgetown	14,523	4,486	17,020	348,823	30,121,225	4,214	629	1.16
†Geraldton	3,128	1,166	2,190	84,506	5,315,400	968	455	1.59
Glencoe	1,230	605	1,230	27,759	2,419,905	533	395	1.15
Gloucester Twp.	23,066	6,327	30,793	754,053	55,937,983	5,908	851	1.35
Goderich	6,660	2,668	9,363	184,052	16,792,465	2,442	579	1.10
†Gogama	\$500	168	411	19,286	805,000	139	484	2.40
Grand Bend	x643	881	878	53,864	2,771,195	764	304	1.94
Grand Valley	848	368	985	25,150	2,271,090	339	568	1.11
Granton	327	125	255	10,586	720,360	109	556	1.47
Gravenhurst*	3,264	1,487	3,840	97,016	8,935,625	1,264	\$569	1.09
Grimsby	6,773	2,324	5,401	160,224	12,450,969	2,109	497	1.29
Guelph	53,329	15,962	76,874	1,631,044	124,926,868	14,717	717	1.31
Hagersville*	2,222	867	2,579	51,329	4,052,670	682	506	1.27
†Haileybury	2,863	1,034	2,906	91,682	6,554,800	863	644	1.40
Hamilton	291,187	94,109	598,659	6,203,745	524,967,128	83,941	525	1.18
Hanover	4,833	1,900	7,790	127,703	12,571,351	1,627	651	1.02
Harriston*	1,640	720	2,059	56,398	4,564,964	591	\$603	1.24
Harrow*	1,878	758	2,578	66,871	5,893,510	596	\$776	1.13
Hastings*	838	421	922	28,917	2,336,628	352	\$505	1.24
Havelock	1,214	478	1,111	33,225	3,057,181	442	586	1.09
Hawkesbury*	9,049	2,521	8,078	214,621	18,962,085	2,239	\$700	1.13
Hearst	3,280	899	4,586	89,421	7,177,310	813	773	1.25
Hensall	916	387	1,359	26,344	2,406,120	322	630	1.09
†Hepworth	335	130	529	11,679	843,200	112	636	1.39
Hespeler*	5,942	1,817	8,515	134,026	10,814,104	1,613	\$571	1.24
Highgate	390	177	404	7,659	649,520	156	350	1.18
Holstein	172	99	181	5,888	539,900	79	570	1.09

* Municipalities so indicated have general rate in effect. See note on page 230

† Retail service provided by The Hydro-Electric Power Commission of Ontario

\$ Estimated

x Excluding summer population

AND CONSUMPTION

December 31, 1968

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	● Monthly Consumption per Customer	Average Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
59,677	4,494,928	86	4,257	1.33	4,541	329,920	5	141	5,499	1.38
67,664	4,668,516	102	3,796	1.45	30,296	1,691,164	30	1,100	4,207	1.79
3,665,645	280,480,175	3,842	6,215	1.31	6,666,243	711,016,013	1,356	170,032	44,701	0.94
40,369	2,418,159	122	1,659	1.67	56,426	3,920,001	48	1,543	6,877	1.44
40,614	2,719,268	113	1,988	1.49	6,496	401,910	14	209	2,392	1.62
38,448	2,376,104	116	1,808	1.62	227,826	24,048,075	42	5,887	50,100	0.95
7,642	434,651	42	\$1,662	1.76	*	*	*	*	*	*
10,109	886,960	28	2,738	1.14	1,564	95,480	2	75	3,978	1.64
32,745	2,166,372	87	\$1,984	1.51	*	*	*	*	*	*
31,899	2,422,110	66	3,204	1.32	17,490	1,290,075	20	634	5,375	1.36
704,387	70,532,326	1,768	3,500	1.00	509,837	54,325,016	84	19,393	37,260	0.94
10,409	831,532	41	1,711	1.25	3,627	332,800	7	142	4,267	1.09
350,818	26,371,500	591	3,802	1.33	980,032	104,578,222	154	27,066	57,335	0.94
113,847	7,980,418	216	3,410	1.43	299,193	33,504,143	56	8,042	50,764	0.89
66,529	3,979,200	185	1,788	1.67	2,810	148,600	13	78	917	1.89
21,208	1,359,145	52	2,178	1.56	17,728	960,908	20	609	4,215	1.84
608,591	57,253,766	370	14,371	1.06	189,645	13,724,476	49	5,357	24,596	1.38
64,988	4,805,888	163	2,503	1.35	227,320	22,412,037	63	6,356	27,876	1.01
8,237	400,500	27	1,309	2.06	12,107	619,900	2	216	25,829	1.95
31,830	1,877,593	117	1,337	1.70	-	-	-	-	-	-
7,931	451,220	23	1,671	1.76	4,924	275,660	6	188	4,177	1.79
1,879	77,620	16	404	2.42	-	-	-	-	-	-
78,343	6,817,761	223	\$3,839	1.15	*	*	*	*	*	*
108,075	7,480,571	190	3,352	1.44	47,019	2,910,435	25	1,370	9,511	1.62
811,045	55,388,057	1,119	4,121	1.46	1,746,800	184,637,283	126	42,912	118,357	0.95
94,259	7,003,387	185	\$3,050	1.35	*	*	*	*	*	*
55,234	3,151,000	161	1,641	1.75	8,174	596,000	10	208	5,519	1.37
4,533,454	376,262,265	9,256	3,421	1.20	18,719,363	2,728,331,642	912	462,026	245,530	0.69
76,858	5,591,716	234	1,962	1.37	113,490	12,084,799	39	4,008	25,822	0.94
58,271	4,798,883	129	\$4,761	1.21	*	*	*	*	*	*
69,467	4,739,920	162	\$3,780	1.47	*	*	*	*	*	*
17,563	1,243,845	69	\$3,301	1.41	*	*	*	*	*	*
12,175	897,861	33	2,267	1.36	1,141	89,075	3	33	2,969	1.28
180,513	13,779,271	282	\$5,904	1.31	*	*	*	*	*	*
44,975	3,097,818	73	3,585	1.45	70,354	4,925,203	13	1,896	31,572	1.43
13,295	758,645	49	1,277	1.75	26,529	1,761,540	16	816	8,897	1.51
5,234	274,425	17	1,345	1.91	1,105	49,700	1	44	4,142	2.22
268,277	27,415,930	204	\$12,900	0.98	*	*	*	*	*	*
3,622	265,870	18	1,198	1.36	3,361	115,190	3	103	3,200	2.92
1,249	73,900	18	352	1.69	854	36,300	2	18	1,513	2.35

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1968	RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av erage Cost per Kwh
			kw	\$	kwh		kwh	¢
†Hornepayne	1,725	500	1,456	64,616	3,786,800	432	732	1.71
†Hudson	\$600	213	334	16,149	935,300	179	435	1.73
Huntsville	3,275	1,342	4,352	99,465	9,137,240	1,195	643	1.09
Ingersoll*	7,401	2,516	8,734	166,801	11,931,058	2,190	453	1.40
Iroquois	1,137	442	1,540	36,092	3,580,940	384	792	1.01
Jarvis	861	314	577	17,906	1,303,980	287	386	1.37
†Jellicoe	\$200	65	80	4,991	292,000	54	451	1.71
Kapuskasing	12,472	2,287	6,372	186,963	16,141,123	2,110	652	1.16
†Kearns	\$500	153	417	12,868	929,000	139	508	1.39
Kemptville	2,171	933	3,234	79,800	6,744,203	860	667	1.18
Kenora (incl. Keewatin)	13,002	4,545	11,445	333,678	31,217,032	4,206	624	1.07
Killaloe Station	853	296	720	22,350	1,458,300	272	444	1.53
Kincardine	2,744	1,374	3,496	97,120	9,074,970	1,241	611	1.07
King City	1,960	564	1,932	66,041	5,517,923	537	857	1.20
†King Kirkland	\$600	188	498	19,834	1,522,700	165	733	1.30
Kingston	56,159	19,367	68,614	1,446,427	133,727,346	16,478	679	1.08
Kingsville*	3,583	1,530	3,931	92,515	8,019,600	1,300	\$502	1.15
Kirkfield	199	117	198	7,959	593,606	110	469	1.34
†Kirkland Lake (incl. Swastika) ..	\$18,000	5,918	12,574	416,133	29,460,100	5,005	484	1.41
Kitchener	99,021	31,122	135,256	2,341,640	211,511,557	29,027	620	1.11
Lakefield	2,162	848	2,606	70,089	6,295,038	764	692	1.11
Lambeth	2,819	829	2,029	80,395	5,944,161	800	625	1.35
Lanark*	906	301	835	17,542	1,825,264	260	\$538	0.96
Lancaster*	565	220	612	14,848	1,281,900	176	\$605	1.16
Larder Lake Twp.	1,351	470	1,124	42,328	3,544,290	414	719	1.19
Latchford	477	156	405	10,910	902,783	148	510	1.21
Leamington*	9,567	3,609	10,908	215,075	17,988,530	3,030	\$470	1.20
Lindsay*	11,756	4,417	18,091	323,401	30,820,430	3,767	\$654	1.05
Listowel	4,483	1,789	6,027	131,950	12,489,876	1,623	647	1.06
London*	202,542	64,122	217,819	5,301,883	367,076,830	58,553	529	1.44
L'Orignal	1,295	438	1,133	36,239	2,940,619	408	602	1.23
Lucan	1,047	411	1,081	37,701	2,924,495	364	672	1.29
Lucknow	1,017	490	1,295	28,692	2,759,470	385	595	1.04
Lynden	581	183	584	16,480	1,541,905	175	745	1.07
Madoc	1,294	627	1,664	37,444	3,936,188	546	608	0.95
Magnetawan*	176	121	198	5,817	397,866	88	\$341	1.46
Markdale	1,058	517	1,334	32,842	3,109,826	421	643	1.06
Markham	8,724	2,589	10,324	291,019	22,673,523	2,405	821	1.28
Marmora	1,284	529	1,471	41,510	3,526,997	487	609	1.18
Martintown	377	123	224	6,655	565,100	106	444	1.18

* Municipalities so indicated have general rate in effect. See note on page 230

† Retail service provided by The Hydro-Electric Power Commission of Ontario

§ Estimated

AND CONSUMPTION

December 31, 1968

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	● Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
34,901	1,560,500	66	1,898	2.24	12,690	819,100	2	170	34,129	1.55
9,304	474,400	34	1,198	1.96	-	-	-	-	-	-
64,836	5,516,940	112	4,317	1.18	25,747	2,432,070	35	1,014	5,961	1.06
256,365	26,120,318	326	6,802	0.98	*	*	*	*	*	*
24,090	1,896,516	53	2,982	1.27	4,842	369,950	5	184	6,166	1.31
7,896	511,383	20	2,243	1.54	5,592	218,023	7	162	2,596	2.56
2,524	133,300	11	1,010	1.89	-	-	-	-	-	-
124,143	8,532,142	151	4,837	1.46	9,353	725,962	26	344	1,984	1.29
3,353	215,200	13	1,435	1.56	583	25,200	1	15	2,100	2.51
56,408	4,057,016	61	5,931	1.39	32,743	2,110,958	12	1,006	14,073	1.55
232,329	13,886,513	247	4,832	1.67	48,048	3,019,122	92	1,318	2,705	1.59
10,177	661,552	24	2,450	1.54	-	-	-	-	-	-
38,150	2,466,592	108	1,930	1.55	35,612	2,478,052	25	975	8,098	1.44
25,185	1,920,938	23	7,445	1.31	2,627	201,087	4	69	4,189	1.31
3,838	283,200	23	1,004	1.36	-	-	-	-	-	-
1,315,190	111,801,538	2,719	3,482	1.18	589,869	69,787,407	170	17,694	33,714	0.85
82,650	6,541,300	230	\$3,071	1.26	*	*	*	*	*	*
1,111	52,390	7	624	2.12	-	-	-	-	-	-
249,256	17,088,600	886	1,553	1.46	39,429	3,658,400	27	990	11,291	1.08
1,743,996	132,604,657	1,826	6,132	1.32	2,690,432	280,141,603	269	67,613	86,144	0.96
55,253	3,564,302	75	3,987	1.55	9,341	688,657	9	286	6,376	1.36
17,155	1,070,276	27	3,243	1.60	2,860	211,008	2	63	8,792	1.36
11,607	852,907	41	\$4,636	1.36	*	*	*	*	*	*
9,791	784,170	44	\$1,485	1.25	*	*	*	*	*	*
12,365	744,560	52	1,266	1.66	1,561	149,530	4	30	3,115	1.04
5,143	413,801	7	4,926	1.24	37	60	1	3	-	-
370,537	35,614,600	579	\$8,309	1.04	*	*	*	*	*	*
520,491	56,468,321	650	\$10,749	0.92	*	*	*	*	*	*
87,976	6,627,937	136	3,974	1.33	62,804	5,362,341	30	1,905	14,415	1.17
6,617,145	643,762,972	5,569	9,825	1.03	*	*	*	*	*	*
18,781	1,367,914	28	4,071	1.37	897	24,717	2	48	1,029	3.63
12,766	820,919	38	2,243	1.56	7,095	356,100	9	220	3,297	1.99
15,204	1,007,458	94	903	1.51	20,485	1,052,727	11	509	7,628	1.95
2,660	213,409	5	3,557	1.25	6,174	543,725	3	193	15,103	1.14
24,670	1,853,516	70	2,376	1.33	6,715	434,973	11	251	3,295	1.54
3,120	212,354	33	\$962	1.47	*	*	*	*	*	*
21,655	1,412,471	88	1,293	1.53	7,314	576,750	8	222	6,008	1.27
108,876	7,742,059	157	4,316	1.41	80,801	7,429,737	27	2,059	24,280	1.09
16,074	1,065,972	36	2,468	1.51	2,889	237,355	6	76	3,297	1.22
2,694	184,300	15	1,024	1.46	722	16,000	2	44	667	4.51

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1968	RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Massey*	1,313	391	1,139	36,782	2,812,279	330	729	1.31
†Matachewan	\$800	242	379	17,212	1,243,200	209	458	1.38
†Matheson	812	310	1,024	21,032	1,525,300	246	515	1.38
†Mattawa	2,826	837	2,843	101,802	6,459,700	712	\$736	1.58
Maxville*	771	325	988	21,663	1,916,390	254	575	1.13
McGarry Twp.	2,054	418	1,082	38,565	3,278,376	376	723	1.18
Meaford	3,934	1,666	5,323	117,511	9,525,884	1,418	559	1.23
Merlin	627	284	557	14,677	1,290,172	217	505	1.14
Merrickville	914	359	930	26,933	2,174,504	337	532	1.24
Midland*	10,477	3,632	14,153	249,458	23,666,332	3,212	\$635	1.05
Mildmay	951	359	743	29,238	2,473,152	325	650	1.18
Millbrook	881	343	827	33,202	2,464,211	323	638	1.35
Milton*	6,552	1,886	8,507	167,328	14,853,801	1,609	\$745	1.13
Milverton	1,085	499	1,382	36,709	3,003,893	426	593	1.22
Mississauga	121,730	32,501	191,035	3,794,768	312,184,006	30,630	879	1.22
Mitchell*	2,389	1,027	3,329	74,892	6,051,093	861	597	1.24
Moorefield	291	149	440	11,018	946,380	136	582	1.16
Morrisburg	1,940	804	2,207	61,937	5,598,849	710	665	1.11
Mount Brydges	1,150	433	806	28,347	2,057,442	400	445	1.38
Mount Forest	2,804	1,254	3,830	98,597	9,419,560	1,141	701	1.05
Napanee	4,717	1,814	4,826	110,809	10,933,356	1,636	557	1.01
Nepean Twp.	53,115	13,476	66,501	1,893,104	148,854,721	12,493	1,011	1.27
Neustadt	542	227	622	15,622	1,322,760	187	564	1.18
Newboro*	299	169	253	11,051	710,400	149	401	1.56
Newburgh	594	200	448	16,946	1,268,530	172	613	1.34
Newbury	300	150	311	7,386	600,650	138	367	1.23
Newcastle	1,552	601	1,791	54,095	4,490,381	541	699	1.20
New Hamburg	2,553	923	2,854	83,403	7,873,810	844	805	1.06
†New Liskeard	5,137	1,883	5,893	165,670	11,704,800	1,567	631	1.42
Newmarket	9,544	3,031	12,096	248,144	22,828,482	2,691	709	1.09
Niagara	3,088	1,183	2,652	91,493	7,694,528	1,090	591	1.19
Niagara Falls	56,851	17,931	54,897	1,409,027	103,292,221	16,698	520	1.36
Nipigon Twp.*	2,680	791	2,319	61,856	5,340,600	647	684	1.16
North Bay*	46,392	14,709	48,986	1,233,538	100,202,566	12,755	\$663	1.23
North York	420,177	122,324	460,729	11,264,456	936,053,739	112,817	697	1.20
Norwich	1,705	721	1,265	45,127	3,867,160	608	534	1.17
Norwood	1,058	438	1,035	31,464	3,057,299	405	635	1.03
Oakville*	55,531	15,675	105,494	1,752,322	134,980,798	13,616	835	1.30
Oil Springs	544	251	515	10,745	861,030	207	350	1.25
Omeme	842	330	753	25,248	1,929,082	306	539	1.31

*Municipalities so indicated have general rate in effect. See note on page 230

† Retail service provided by The Hydro-Electric Power Commission of Ontario

§ Estimated

AND CONSUMPTION

December 31, 1968

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	● Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
14,327	1,132,584	61	1,547	1.26	*	*	*	*	*	*
5,309	322,600	33	738	1.65	-	-	-	-	-	-
19,540	1,249,900	62	1,653	1.56	15,604	1,132,800	2	359	47,200	1.38
87,636	4,793,300	125	\$2,986	1.83	*	*	*	*	*	*
22,543	1,410,784	71	2,424	1.60	*	*	*	*	*	*
10,590	651,657	40	1,341	1.63	1,903	170,110	2	52	7,088	1.12
53,174	3,704,021	212	1,456	1.44	86,470	7,523,368	36	2,130	17,177	1.15
11,897	763,113	61	1,034	1.56	9,120	347,870	6	260	5,271	2.62
5,591	399,180	14	2,294	1.40	11,335	804,490	8	413	8,380	1.41
373,931	40,355,046	420	\$13,345	0.93	*	*	*	*	*	*
8,291	477,593	27	1,447	1.74	3,937	225,554	7	144	2,506	1.75
9,222	455,302	20	1,946	2.03	-	-	-	-	-	-
220,615	20,961,085	277	\$7,868	1.05	*	*	*	*	*	*
22,853	1,317,576	54	2,174	1.73	14,636	918,601	19	478	4,138	1.59
1,848,571	139,603,666	1,443	8,672	1.32	4,444,326	492,115,282	428	96,744	97,875	0.90
99,561	8,001,753	166	4,078	1.24	*	*	*	*	*	*
2,540	136,020	11	1,030	1.87	9,315	705,000	2	210	29,375	1.32
29,130	2,135,248	84	2,131	1.36	16,755	1,156,522	10	482	9,638	1.45
7,638	448,550	27	1,411	1.70	8,116	534,070	6	223	7,418	1.52
36,651	2,727,090	80	2,859	1.34	18,238	1,357,480	33	630	3,481	1.34
70,921	5,880,233	139	3,525	1.21	49,202	4,343,818	39	1,854	9,282	1.13
1,071,574	83,612,282	919	7,785	1.28	342,512	34,101,202	64	7,527	46,586	1.00
4,023	296,720	38	899	1.36	4,426	200,800	2	163	6,693	2.20
2,718	184,835	20	790	1.47	*	*	*	*	*	*
5,510	236,945	24	840	2.33	3,055	130,400	4	89	2,717	2.34
5,356	462,840	10	3,857	1.16	3,621	141,090	2	137	5,879	2.57
17,216	1,067,834	46	1,914	1.61	16,342	1,340,673	14	418	8,276	1.22
25,479	1,684,805	55	2,507	1.51	30,309	2,070,408	24	916	7,668	1.46
142,585	8,532,900	296	2,390	1.67	62,039	4,210,600	20	1,453	16,320	1.47
204,210	16,019,989	299	4,443	1.27	116,205	11,152,330	41	3,260	23,234	1.04
37,451	2,475,303	75	2,845	1.51	15,331	963,900	18	424	4,590	1.59
1,353,494	104,900,619	1,138	7,682	1.29	572,667	54,503,137	95	14,031	47,810	1.05
63,658	5,355,827	144	3,047	1.19	*	*	*	*	*	*
1,308,674	118,277,892	1,954	\$5,649	1.11	*	*	*	*	*	*
8,795,313	714,536,165	8,267	7,430	1.23	4,386,752	411,839,779	1,240	115,316	28,340	1.07
17,444	984,900	101	821	1.77	5,049	408,360	12	134	2,836	1.24
9,248	707,957	30	1,934	1.31	4,181	228,260	3	163	6,341	1.83
4,092,387	490,688,272	2,059	20,035	0.83	*	*	*	*	*	*
2,818	166,130	15	865	1.70	12,145	1,257,910	29	267	3,437	0.97
10,256	542,846	21	2,154	1.89	5,617	367,200	3	120	8,743	1.53

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1968	RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Orangeville*	6,649	2,539	7,183	196,481	15,696,370	2,174	\$615	1.25
Orillia	20,532	7,294	28,350	474,978	47,976,128	6,412	633	0.99
Orono	987	392	1,101	38,094	2,925,873	364	671	1.30
Oshawa*	82,324	24,823	138,313	2,331,802	219,353,189	22,194	817	1.06
Ottawa (incl. Vanier and Rockcliffe Park)	318,014	100,503	388,464	6,389,574	776,066,587	88,671	732	0.82
Otterville	807	299	597	20,887	1,719,225	260	552	1.21
Owen Sound	18,259	6,411	22,983	522,280	51,093,969	5,958	721	1.02
Paisley*	708	328	920	22,296	1,964,340	257	\$619	1.14
Palmerston	1,659	716	1,920	53,058	4,324,347	641	564	1.23
Paris	6,428	2,229	6,168	145,631	11,428,574	1,943	491	1.27
Parkhill	1,160	527	1,387	37,526	3,057,860	463	555	1.23
Parry Sound	5,670	2,235	7,200	214,432	18,532,742	2,000	780	1.16
Pembroke*	15,142	5,109	14,592	415,758	36,087,748	4,433	680	1.15
Penetanguishene*	5,003	1,514	5,013	120,586	11,496,510	1,316	734	1.05
Perth	5,334	2,175	6,663	149,440	13,320,332	1,998	558	1.12
Peterborough*	54,782	17,759	75,270	1,770,199	149,183,708	15,894	\$761	1.19
Petrolia	3,469	1,446	3,702	91,613	6,923,400	1,215	475	1.32
Pickering	1,966	606	1,673	59,583	4,622,760	566	693	1.29
† Pickle Lake Landing	\$350	137	432	9,176	609,800	92	577	1.50
Picton	4,694	1,847	5,558	141,574	12,516,034	1,533	686	1.13
Plantagenet*	855	260	913	24,031	1,748,465	211	\$697	1.37
Plattsville*	558	208	1,127	14,713	1,430,350	167	718	1.03
Point Edward	2,823	901	6,310	51,529	3,832,673	792	403	1.34
Port Arthur*	46,990	14,902	63,378	1,105,109	105,856,438	13,291	665	1.04
Port Burwell	661	429	411	26,994	1,280,300	401	265	2.11
† Port Carling	x552	599	830	51,389	3,021,000	520	485	1.70
Port Colborne*	18,168	5,611	15,286	365,654	25,942,160	4,997	433	1.41
Port Credit*	8,261	2,804	19,211	202,855	18,209,783	2,295	\$605	1.11
Port Dover	3,288	1,574	2,814	86,224	6,428,463	1,455	370	1.34
Port Elgin	2,055	1,264	2,958	106,800	8,675,642	1,135	646	1.23
Port Hope	8,734	3,053	12,352	278,954	23,848,847	2,864	697	1.17
Port McNicoll*	1,259	627	1,620	41,897	3,674,680	600	\$508	1.14
Port Perry*	2,746	1,056	3,587	99,003	9,097,292	908	\$800	1.09
Port Rowan	841	366	550	18,781	1,414,090	319	374	1.33
Port Stanley	x1,470	1,163	1,495	77,441	5,181,481	1,131	383	1.49
† Powassan	1,079	407	1,404	42,294	3,278,900	324	849	1.29
Prescott	5,518	1,936	5,965	121,655	12,796,658	1,807	594	0.95
Preston	14,644	4,261	15,857	345,265	29,687,836	3,937	634	1.16
Priceville	136	74	90	4,849	271,890	68	331	1.78
Princeton*	434	183	486	12,234	1,243,555	139	762	0.98

* Municipalities so indicated have general rate in effect. See note on page 230

† Retail service provided by The Hydro-Electric Power Commission of Ontario

§ Estimated

x Excluding summer population

AND CONSUMPTION

December 31, 1968

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	● Monthly Consumption per Customer	Ave- rage Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
155,940	12,780,104	365	\$4,123	1.22	*	*	*	*	*	*
267,441	21,597,633	746	2,477	1.24	450,572	49,330,904	136	18,431	30,451	0.91
10,901	671,484	23	2,665	1.62	11,140	729,950	5	256	11,060	1.53
3,686,145	417,228,870	2,629	14,091	0.88	*	*	*	*	*	*
12,001,771	1,003,887,161	11,685	7,186	1.20	548,177	53,283,220	147	14,995	30,104	1.03
6,640	372,490	32	1,018	1.78	2,324	88,735	7	77	1,344	2.62
210,290	16,916,795	316	4,461	1.24	367,337	47,623,388	137	11,293	28,654	0.77
14,618	936,034	71	\$1,057	1.56	*	*	*	*	*	*
30,573	2,069,148	59	3,025	1.48	11,112	769,265	16	425	4,007	1.44
68,853	4,797,313	240	1,676	1.44	90,760	9,817,789	46	3,477	18,385	0.92
18,745	1,084,160	49	1,922	1.73	21,573	1,297,520	15	606	7,723	1.66
111,026	7,790,329	204	3,238	1.43	47,319	4,222,242	31	1,248	10,995	1.12
437,680	29,806,757	676	3,533	1.47	*	*	*	*	*	*
102,813	10,272,627	198	4,413	1.00	*	*	*	*	*	*
79,496	6,612,052	151	3,661	1.20	83,927	8,895,385	26	2,841	26,956	0.94
1,921,836	206,787,797	1,865	\$12,584	0.93	*	*	*	*	*	*
70,399	4,225,750	194	1,811	1.67	69,885	3,431,300	37	1,701	8,055	2.04
16,690	1,448,255	36	3,448	1.15	4,963	420,130	4	167	8,753	1.18
10,803	651,000	44	1,292	1.66	2,125	147,500	1	49	12,292	1.44
91,061	6,785,994	280	1,920	1.34	37,845	3,697,891	34	1,141	9,063	1.02
23,561	1,827,598	49	\$3,584	1.29	*	*	*	*	*	*
30,794	2,864,990	41	5,823	1.07	*	*	*	*	*	*
75,062	5,636,533	93	5,133	1.33	210,611	22,241,246	16	5,931	115,840	0.95
1,609,433	168,931,246	1,611	8,717	0.95	*	*	*	*	*	*
7,369	407,348	26	1,306	1.81	207	3,400	2	12	113	-
24,077	1,260,500	72	1,479	1.91	2,155	137,000	7	79	1,631	1.57
478,769	45,352,400	614	\$5,989	1.06	*	*	*	*	*	*
790,563	105,860,910	509	\$38,222	0.75	*	*	*	*	*	*
47,820	3,151,509	84	3,108	1.52	28,267	2,167,082	35	877	5,087	1.30
38,914	2,411,255	113	1,802	1.61	32,176	2,100,628	16	831	10,941	1.53
82,934	6,013,888	146	3,319	1.38	239,740	23,078,144	43	5,998	43,709	1.04
24,067	1,236,460	27	\$6,869	1.95	*	*	*	*	*	*
47,844	3,677,750	148	\$4,017	1.30	*	*	*	*	*	*
8,057	441,081	43	855	1.83	1,460	73,333	4	43	1,528	1.99
9,953	585,265	16	2,075	1.70	10,267	548,300	16	375	2,948	1.87
24,831	1,687,400	79	1,803	1.47	1,080	53,600	4	28	1,117	2.01
67,119	5,118,774	110	3,896	1.31	68,574	7,030,865	19	2,053	30,046	0.98
111,377	7,374,303	183	3,492	1.51	422,392	39,495,038	141	12,580	23,936	1.07
882	25,000	6	321	3.53	-	-	-	-	-	-
6,921	534,330	44	979	1.30	*	*	*	*	*	*

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1968	RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Queenston	561	189	521	16,059	1,690,545	184	778	0.95
Rainy River	1,087	430	1,297	42,434	3,010,520	394	637	1.41
† Red Lake Twp.	2,471	1,432	4,232	117,000	7,560,900	1,143	587	1.55
Red Rock*	1,922	380	1,210	33,081	2,835,833	349	669	1.17
Renfrew	8,470	2,962	10,048	217,576	22,673,505	2,669	707	0.96
Richmond	1,418	492	1,862	40,832	4,050,890	470	781	1.01
Richmond Hill	19,431	5,493	19,897	485,002	42,847,573	5,107	702	1.13
Ridgetown	2,784	1,166	2,627	65,041	4,645,540	974	401	1.40
Ripley	406	229	597	16,984	1,550,880	208	615	1.10
Rockland*	3,494	939	2,509	82,295	6,953,480	837	681	1.18
Rockwood	925	336	970	35,210	2,809,015	324	743	1.25
Rodney*	1,072	455	801	27,407	1,947,678	367	392	1.41
Rosseau*	242	134	151	7,688	582,605	117	395	1.32
Russell*	604	230	722	19,086	1,794,320	191	\$727	1.06
St. Catharines*	100,799	30,917	150,385	2,360,828	177,406,587	27,894	536	1.33
St. Clair Beach*	1,858	535	1,525	52,733	3,974,520	513	\$670	1.33
St. George*	914	327	866	19,801	1,795,603	278	550	1.10
St. Jacobs	935	288	1,093	23,918	2,137,784	234	755	1.12
St. Mary's	4,758	1,815	5,287	137,089	12,182,620	1,671	611	1.13
St. Thomas	23,206	8,513	27,965	678,526	52,387,002	7,905	556	1.30
Sandwich West Twp.*	8,922	2,503	6,753	265,868	19,555,110	2,373	729	1.36
Sarnia	56,007	16,800	61,642	1,321,673	100,862,622	15,706	541	1.31
Scarborough	280,491	83,124	309,770	7,514,102	620,506,249	78,392	669	1.21
Schreiber Twp.*	2,130	685	2,135	57,990	6,110,471	600	\$819	0.95
Seaforth*	2,203	884	2,435	60,421	5,000,003	739	563	1.21
Shelburne	1,395	665	1,886	51,942	4,784,030	605	672	1.09
Simcoe	10,138	3,872	14,638	207,650	20,688,071	3,511	494	1.00
Sioux Lookout	2,704	981	2,955	91,992	7,745,948	847	764	1.19
Smiths Falls	9,953	3,672	13,044	290,310	25,399,681	3,404	628	1.14
Southampton	1,738	1,328	2,015	71,234	5,916,700	1,186	419	1.20
South Grimsby Twp.*	2,849	413	826	21,914	1,655,506	317	437	1.32
† South Porcupine	\$6,100	2,094	3,769	142,873	10,434,100	1,816	481	1.37
South River	952	337	976	34,752	2,321,414	307	626	1.50
Springfield*	488	179	406	12,864	1,006,600	168	492	1.28
Stayner	1,841	772	1,987	51,890	4,694,019	698	574	1.11
Stirling	1,360	573	1,672	42,358	4,027,242	505	670	1.05
Stoney Creek	7,572	2,187	6,604	217,253	18,730,801	2,044	771	1.16
Stouffville	3,906	1,349	4,371	128,112	10,895,399	1,232	747	1.18
Stratford*	23,341	7,801	31,787	736,398	54,168,270	6,873	657	1.36
Strathroy	6,018	2,195	6,727	176,092	13,963,007	1,988	601	1.26

* Municipalities so indicated have general rate in effect. See note on page 230

† Retail service provided by The Hydro-Electric Power Commission of Ontario

§ Estimated

AND CONSUMPTION

December 31, 1968

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	● Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
5,031	402,800	5	6,713	1.25	-	-	-	-	-	-
20,518	1,338,403	33	3,432	1.53	1,912	161,670	3	48	4,491	1.18
99,000	6,300,000	281	1,906	1.57	5,420	350,000	8	173	3,431	1.55
23,123	2,001,008	31	5,559	1.16	*	*	*	*	*	*
89,614	7,416,203	229	2,778	1.21	107,627	11,353,178	64	3,832	14,899	0.95
27,774	2,060,840	22	8,178	1.35	-	-	-	-	-	-
210,467	16,933,068	268	5,335	1.24	267,160	26,432,178	118	7,689	19,755	1.01
36,569	2,138,321	163	1,080	1.71	57,196	3,913,099	29	1,584	11,245	1.46
4,918	292,620	15	1,573	1.68	4,583	341,075	6	129	4,737	1.34
26,966	2,002,190	102	3,061	1.35	*	*	*	*	*	*
6,179	383,798	11	2,559	1.61	437	33,750	1	10	2,813	1.29
21,845	1,333,898	88	2,526	1.64	*	*	*	*	*	*
2,949	212,510	17	1,581	1.39	*	*	*	*	*	*
6,115	437,980	39	\$1,690	1.40	*	*	*	*	*	*
4,871,022	559,054,421	3,023	15,426	0.87	*	*	*	*	*	*
13,867	994,560	22	\$5,219	1.39	*	*	*	*	*	*
20,061	1,479,914	49	2,467	1.36	*	*	*	*	*	*
22,441	1,533,729	44	2,905	1.46	10,192	508,740	10	383	4,240	2.00
40,059	2,829,080	94	2,469	1.42	77,208	7,996,630	50	2,275	13,740	0.97
257,501	19,486,456	461	3,703	1.32	633,593	64,535,266	147	16,072	37,608	0.98
47,854	3,045,980	130	\$2,595	1.57	*	*	*	*	*	*
778,115	56,751,394	936	5,104	1.37	1,224,852	170,820,570	158	33,621	89,811	0.72
4,260,682	338,922,146	4,019	7,326	1.26	4,087,422	404,683,971	713	102,151	49,376	1.01
39,163	3,189,737	85	\$4,482	1.23	*	*	*	*	*	*
67,639	4,909,904	145	2,692	1.38	*	*	*	*	*	*
21,431	1,567,980	46	2,904	1.37	7,071	398,950	14	304	2,375	1.77
155,531	12,825,955	294	3,635	1.21	267,786	30,543,712	67	7,984	37,708	0.88
59,110	3,501,170	125	2,236	1.69	13,844	1,249,718	9	289	12,252	1.11
160,239	13,621,802	243	4,691	1.18	133,607	16,310,993	25	3,847	52,279	0.82
30,861	1,800,700	126	1,191	1.71	26,992	2,086,690	16	733	10,539	1.29
28,377	1,865,326	96	1,570	1.52	*	*	*	*	*	*
79,346	4,615,270	271	1,406	1.72	1,334	59,300	7	52	706	2.25
11,187	668,471	25	2,370	1.67	12,374	564,882	5	271	9,415	2.19
4,945	318,775	11	2,415	1.55	*	*	*	*	*	*
15,354	1,087,785	52	1,727	1.41	14,271	1,415,290	22	432	5,361	1.01
17,275	1,193,289	55	1,808	1.45	9,949	892,012	13	345	5,718	1.12
86,965	6,354,192	112	4,880	1.37	14,546	1,119,470	31	473	3,009	1.30
70,667	5,004,976	105	4,030	1.41	15,693	798,178	12	555	4,927	1.97
1,095,389	94,547,540	928	8,601	1.16	*	*	*	*	*	*
79,965	5,233,430	153	2,869	1.53	132,048	9,945,970	54	3,545	15,349	1.33

CUSTOMERS, REVENUE, for the Year Ended

	Popula- tion	Total Customers	Peak Load Decem- ber 1968	RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Streetsville	5,960	1,610	5,944	127,776	10,795,886	1,387	653	1.18
Sturgeon Falls	6,300	1,820	5,316	167,619	13,193,716	1,696	661	1.27
Sudbury	86,291	26,540	69,754	2,069,176	205,017,961	23,844	723	1.01
Sunderland	657	281	784	21,347	2,134,200	257	692	1.00
Sundridge	720	336	1,095	25,858	2,318,308	305	627	1.12
Sutton	1,564	976	2,371	74,059	5,878,351	871	567	1.26
Tara	586	273	1,087	20,802	2,010,280	247	682	1.03
Tavistock*	1,323	541	1,680	39,651	3,778,790	427	738	1.05
Tecumseh*	4,905	1,476	3,219	119,023	8,266,560	1,343	\$507	1.44
Teeswater	926	392	1,221	27,473	2,619,080	353	621	1.05
Terrace Bay Twp.	1,829	468	2,009	50,654	5,919,486	414	1,196	0.86
Thamesford	1,468	463	1,599	45,747	3,891,478	430	764	1.18
Thamesville	1,056	450	1,114	27,019	2,325,840	401	484	1.16
Theford	717	309	809	22,843	1,982,650	277	601	1.15
Thessalon	1,625	581	1,533	52,709	3,726,021	529	604	1.41
Thornbury*	1,151	596	1,729	40,433	3,216,010	496	550	1.26
Thorndale	414	156	339	13,237	1,036,305	146	621	1.28
†Thornloe	149	34	70	3,645	260,200	27	803	1.40
Thornton*	315	109	256	7,265	634,700	89	601	1.14
Thorold	8,842	2,646	7,342	208,344	13,430,647	2,385	470	1.55
Tilbury	3,449	1,336	3,274	68,180	5,314,035	1,219	390	1.28
Tillsonburg	6,550	2,708	8,535	169,343	14,364,580	2,363	508	1.18
†Timmins (incl. Schumacher)	\$33,000	10,200	22,229	740,768	55,006,700	8,894	517	1.35
Toronto	671,699	231,092	872,139	15,309,063	1,135,674,699	198,221	476	1.35
Tottenham	909	373	784	21,840	2,075,250	347	543	1.05
Trenton	13,950	4,869	20,550	312,981	32,493,640	4,499	610	0.96
Tweed	1,670	687	2,310	47,911	4,967,636	606	684	0.96
Uxbridge	2,685	1,058	3,998	88,832	8,078,400	961	699	1.10
Vankleek Hill	1,684	594	1,602	37,860	3,619,670	538	565	1.05
‡Vaughan Twp.*	18,436	5,692	30,553	527,543	43,014,369	4,534	791	1.23
Victoria Harbour*	1,076	578	1,054	34,756	2,571,730	544	\$392	1.35
Walkerton	4,248	1,531	6,420	118,735	11,525,361	1,408	689	1.03
Wallaceburg	10,854	3,682	21,306	205,485	16,110,630	3,241	408	1.28
Wardsville*	336	170	339	8,706	704,550	128	460	1.24
Warkworth*	560	251	529	18,527	1,439,396	195	\$526	1.29
Wasaga Beach	1,235	941	1,011	42,889	2,588,840	756	281	1.66
Waterdown	2,143	639	2,096	59,765	5,143,129	557	779	1.16
Waterford	2,460	889	2,415	61,352	4,375,455	837	440	1.40
Waterloo	32,527	8,617	43,761	884,290	74,646,894	7,640	804	1.18
Watford	1,261	575	2,081	39,752	3,638,333	518	590	1.09

* Municipalities so indicated have general rate in effect. See note on page 230

† Retail service provided by The Hydro-Electric Power Commission of Ontario

§ Estimated

‡ Commenced operation as a cost municipality effective January 1, 1968.

AND CONSUMPTION

December 31, 1968

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	● Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
96,900	7,068,910	196	3,005	1.37	80,485	8,562,002	27	2,177	27,442	0.94
79,883	5,467,635	107	4,086	1.46	12,506	1,043,252	17	307	5,114	1.20
1,201,590	95,854,772	2,388	3,390	1.25	282,439	22,896,749	308	8,710	6,277	1.23
7,514	513,720	18	2,378	1.46	4,429	316,542	6	149	4,796	1.40
15,139	1,101,970	26	3,222	1.37	3,257	204,590	5	101	3,410	1.59
46,539	3,197,888	99	2,945	1.46	6,562	391,530	6	166	5,438	1.68
11,899	906,210	19	3,975	1.31	16,260	1,695,620	7	388	21,739	0.96
31,395	2,721,670	114	2,016	1.15	*	*	*	*	*	*
81,030	6,955,270	133	\$6,827	1.17	*	*	*	*	*	*
13,871	890,460	32	2,356	1.56	21,413	1,826,270	7	637	21,741	1.17
30,815	2,553,918	52	4,214	1.21	5,977	650,400	2	159	27,100	0.92
12,814	878,395	27	2,988	1.46	23,618	2,203,283	6	520	30,601	1.07
12,327	925,255	32	2,410	1.33	23,864	1,128,360	17	916	5,531	2.11
5,373	307,480	23	1,192	1.75	8,195	557,120	9	231	5,462	1.47
30,683	1,910,004	45	3,423	1.61	8,739	550,460	7	183	6,553	1.59
49,577	3,516,335	100	2,930	1.41	*	*	*	*	*	*
2,267	162,375	7	1,933	1.40	2,032	71,190	3	87	1,978	2.85
1,580	78,500	7	935	2.01	-	-	-	-	-	-
2,748	184,280	20	808	1.49	*	*	*	*	*	*
92,508	5,454,213	221	2,034	1.70	167,140	19,023,852	40	4,316	38,666	0.88
48,193	3,394,925	96	2,747	1.42	72,907	4,721,260	21	2,726	16,393	1.54
164,607	12,187,530	298	3,431	1.35	116,621	10,517,950	47	3,304	18,453	1.11
480,055	31,494,100	1,276	2,054	1.52	43,154	3,042,500	30	1,152	8,595	1.42
11,768,378	835,536,255	25,202	2,761	1.41	26,335,954	2,788,078,312	7,669	598,432	30,355	0.95
5,028	309,500	19	1,357	1.62	3,609	215,730	7	133	2,568	1.67
171,290	14,502,915	328	3,576	1.18	465,823	63,840,174	42	12,272	133,000	0.73
26,930	2,314,044	66	2,944	1.16	17,559	1,207,478	15	703	6,289	1.45
45,077	3,164,355	70	3,767	1.42	56,234	3,986,030	27	1,661	12,535	1.41
17,223	1,360,765	49	2,338	1.27	5,188	240,860	7	247	2,867	2.15
876,366	87,501,847	1,158	6,297	1.00	*	*	*	*	*	*
14,981	990,250	34	\$3,527	1.51	*	*	*	*	*	*
72,004	5,564,714	99	4,375	1.29	77,550	7,750,237	24	2,285	28,081	1.00
116,830	9,547,650	329	2,393	1.22	728,654	80,105,410	112	18,659	59,602	0.91
5,842	330,780	42	716	1.77	*	*	*	*	*	*
6,734	436,670	56	\$1,716	2.12	*	*	*	*	*	*
39,828	2,071,880	184	928	1.92	310	9,520	1	8	793	3.26
30,276	2,134,075	65	2,939	1.42	6,783	480,415	17	195	2,288	1.41
28,441	1,810,198	38	4,077	1.57	36,447	2,126,150	14	1,042	12,219	1.71
728,909	56,285,583	880	5,394	1.30	941,380	93,987,125	97	19,222	81,163	1.00
17,594	1,122,390	44	2,126	1.57	49,621	4,507,117	13	1,368	27,822	1.10

**CUSTOMERS, REVENUE,
for the Year Ended**

	Popula- tion	Total Customers	Peak Load Decem- ber 1968	RESIDENTIAL SERVICE (Including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Av erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Waubashene*	\$1,500	476	635	24,253	1,771,360	448	\$327	1.37
Webbwood*	610	155	409	12,627	812,090	130	546	1.55
Welland*	40,315	12,023	41,468	758,531	52,006,703	10,797	\$397	1.46
Wellesley*	793	315	795	26,387	2,181,535	259	\$637	1.21
Wellington*	874	487	933	25,109	2,287,314	387	489	1.10
West Lorne	980	468	1,645	29,467	2,342,960	411	476	1.26
Westport	601	303	684	19,186	1,820,210	273	557	1.05
Wheatley*	1,595	582	1,296	39,731	2,962,170	481	515	1.34
Whitby*	23,562	6,756	28,966	570,835	48,096,046	6,073	835	1.19
† White River	993	389	1,177	49,308	2,259,400	294	647	2.18
Warton*	1,970	857	2,251	61,699	5,623,165	703	\$626	1.10
Williamsburg	322	146	417	8,849	819,087	124	550	1.08
Winchester*	1,468	595	2,502	46,812	4,413,979	488	\$705	1.06
Windermere	x111	140	203	8,596	579,250	129	374	1.48
Windsor*	193,004	60,151	203,435	4,285,497	289,296,407	53,704	450	1.48
Wingham	2,865	1,183	4,431	89,798	9,686,853	1,059	763	0.93
Woodbridge	2,411	810	3,033	69,555	6,846,901	744	768	1.02
Woodstock*	24,626	8,258	36,253	711,807	61,149,824	7,295	\$670	1.16
Woodville*	421	199	463	11,478	1,031,700	164	524	1.11
Wyoming	1,048	431	1,059	25,242	2,219,170	390	485	1.14
York*	139,052	45,866	109,930	2,697,806	264,009,736	41,666	\$511	1.02
Zurich	728	327	823	25,324	1,969,430	261	631	1.29

* Municipalities so indicated have general rate in effect. See note on page 230

† Retail service provided by The Hydro-Electric Power Commission of Ontario

§ Estimated

x Excluding summer population

AND CONSUMPTION

December 31, 1968

COMMERCIAL SERVICE (Including flat-rate water-heaters) AND WHERE APPLICABLE * SERVICE UNDER GENERAL RATE					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	● Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	● Monthly Consumption per Customer	Average Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
5,566	352,950	28	\$1,290	1.58	*	*	*	*	*	*
5,609	390,907	25	1,277	1.43	*	*	*	*	*	*
1,527,325	145,149,446	1,226	\$12,505	1.05	*	*	*	*	*	*
10,156	630,365	56	\$1,818	1.61	*	*	*	*	*	*
16,995	1,502,226	100	1,391	1.13	*	*	*	*	*	*
13,338	832,030	45	1,631	1.60	41,908	2,963,680	12	1,150	19,758	1.41
10,543	780,330	28	2,282	1.35	220	4,818	2	15	201	4.57
32,929	2,190,909	101	1,781	1.50	*	*	*	*	*	*
665,698	69,036,894	683	11,495	0.96	*	*	*	*	*	*
55,659	2,966,200	94	2,746	1.88	7,151	486,600	1	76	40,550	1.47
48,353	3,532,087	154	\$3,050	1.37	*	*	*	*	*	*
6,645	461,170	21	1,875	1.44	243	17,280	1	6	1,440	1.41
63,777	6,870,290	107	\$8,238	0.93	*	*	*	*	*	*
4,672	299,958	11	2,272	1.56	-	-	-	-	-	-
6,958,610	699,389,410	6,447	9,083	0.99	*	*	*	*	*	*
48,092	3,883,914	89	3,699	1.24	57,530	5,458,814	35	1,768	13,186	1.05
24,081	1,813,910	55	2,825	1.33	41,726	4,502,553	11	1,101	35,735	0.93
1,139,683	114,707,150	963	\$13,817	0.99	*	*	*	*	*	*
4,925	335,890	35	788	1.47	*	*	*	*	*	*
15,270	1,093,120	34	2,719	1.40	12,532	719,530	7	395	8,566	1.74
3,069,209	313,517,745	4,200	\$9,731	0.98	*	*	*	*	*	*
14,151	670,067	60	938	2.11	4,015	231,995	6	89	3,222	1.73

▲ See introduction page 203

LIST OF ABBREVIATIONS

A.M.E.U.	—Association of Municipal Electrical Utilities	kvar	—kilovar(s)
bhp	—brake horsepower	kw	—kilowatt(s)
CANUSE	—Canada-United States Eastern	kwh	—kilowatt-hour(s)
cfs	—cubic feet per second	M.E.U.	—Municipal Electrical Utilities
C.L.C.	—Canadian Labour Congress	min	—minimum
ehv	—extra-high-voltage		—minute (20-min)
G.S.	—Generating Station	mw	—megawatt
H.E.C.	—Hydro-Electric Commission	O.M.E.A.	—Ontario Municipal Electric Association
H.E.S.	—Hydro-Electric System	P.U.C.	—Public Utilities Commission
hp	—horsepower	rpm	—revolutions per minute
Jct.	—Junction	S.S.	—Switching Station
kv	—kilovolt(s)	T.S.	—Transformer Station
kva	—kilovolt-ampere(s)	Twp.	—Township

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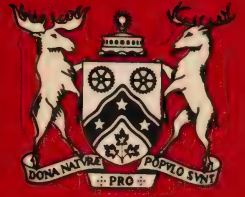
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The Hydro-Electric Power Commission of Ontario

1969 ANNUAL REPORT

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The Hydro-Electric Power Commission of Ontario

Sixty-Second
Annual Report
for the Year
1969

This Report is published pursuant to The Power Commission Act,
Revised Statutes of Ontario, 1960, Chapter 300, Section 10.

620 University Ave.

Toronto, Canada

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

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LETTER OF TRANSMITTAL

TORONTO, ONTARIO, APRIL 6, 1970

THE HONOURABLE W. ROSS MACDONALD, P.C., C.D., Q.C., LL.D.

Lieutenant-Governor of Ontario

SIR:

I take pleasure in presenting on behalf of The Hydro-Electric Power Commission of Ontario its 62nd Annual Report, for the year ending December 31, 1969.

The past decade saw remarkable change and progress, and 1969, as the concluding year in that decade, had its measure of achievement and problems. The Commission brought into service the two largest generating units ever installed in Canada and made excellent progress generally in the construction program, bringing a total of 1.2 million kilowatts of new capacity on line. On the other hand, difficulties with prototype equipment, mounting concern over environmental conditions, problems arising from strike action, as well as the pressures of inflationary costs, all combined to create challenges that will accompany us into the decade of the 70's.

For the first time, primary peak requirements exceeded the 10-million mark, reaching a combined peak of 10,555,400 kilowatts in the East and West Systems during the week beginning December 22. The 5.6 per cent increase in annual peak demand was somewhat below the average in recent years, reflecting in part the failure of some large industrial users to recover from labour disputes. Despite a slow start and ending, however, the decade of the 60's maintained an over-all rate of growth in power demands of 7.1 per cent.

To keep pace with the continuing growth in customer requirements, and to expand the margin of our power reserves, we brought well over a million kilowatts of new capacity into service for the second consecutive year. The major part was contributed by two 500,000-kilowatt thermal units at Lambton Generating Station, near Sarnia, which was officially opened by the Prime Minister, The Honourable John P. Robarts, in November. The remainder was hydro-electric capacity at Aubrey Falls Generating Station on the Mississagi River north-east of Sault Ste. Marie, and an extension of Stewartville Generating Station on the Madawaska River in eastern Ontario.

To meet prospective load growth in the 70's, the Commission recently decided to double the capacity of Nanticoke Generating Station, bringing the total of new generating capacity now under construction or planned to more than 13 million kilowatts. The five large thermal-electric stations, Lambton, Nanticoke, Pickering, Bruce, and Lennox, will provide the bulk of these new resources. More than half of the total is conventional thermal, and most of the remainder nuclear. The 2.3-million-kilowatt Lennox station, west of Kingston, is to be Ontario Hydro's first oil-fired power plant.

A program of this magnitude will have a significant effect on Ontario's economic and social environment. It means millions of dollars for supplies and equipment, and thousands of new jobs. The provision of vital electric power to accommodate Ontario's growing economy is our commitment to the future of Ontario.

Much of Ontario Hydro's new capacity is in prototype equipment. The uncertainties and challenges to technical innovation which this implies are further compounded by greatly increased public pressure for the maintenance and improvement of the environment. A growing resistance seems to be developing against the acquisition of property for the expansion of Ontario's electric power system — for generating stations, transmission lines, and associated installations. The Commission works closely with municipal planning boards and interested government departments in an effort to ensure that the best interests of the community at large are adequately served in this regard.

The judicious resolution of these environmental concerns is a goal towards which the Commission is devoting considerable financial and staff resources. In the application of equipment for air quality control and research, Ontario Hydro is already a leader among power utilities. More than \$42 million have been invested in anti-pollution techniques at major thermal stations. A budget of \$1.5 million was established in 1969 for research into better methods of dealing with stack emissions, and upwards of \$200,000 a year is being spent on investigations into water resources. Additional research is directed toward the more effective use of land and equipment in service corridors for the transmission of energy. While these measures will all undoubtedly add to the cost of power, they are the price that Ontario Hydro, and ultimately its customers, must pay if the quality of our environment is to be preserved.

Pressure on electrical rates is exerted by a number of factors, including higher prices for labor, material, and equipment. Unusually high interest rates on borrowed money are being reflected in the sharp rise in the capital cost of new plants placed in service. The achievement of the Federal Government's goal to abate inflation would substantially cushion the impact of these rising costs, but this will not be easy. We need adequate capital and we need it at reasonable rates of interest. The Commission is exercising every restraint to achieve maximum savings in the construction program itself. We have a responsibility to provide electric power as our customers require it. We seek to meet that responsibility at the lowest possible cost consistent with reliable service and sound financial administration.

There is no reason to suppose that the growth of electrical requirements in the future will fall short of the long-term trend over the past fifty years. The complexity of the prevailing technical, social, and financial environment, however, makes it almost impossible to gauge precisely the relationship between growth in the demand for power and the expansion of resources for its supply so that these may be kept in continuous balance. A slow-down in economic activity would, of course, lower the growth in electric power demands, but our economy is oriented to the increasing use of electricity in industry and commerce, on the farm, and in the home. The long-term trend is therefore undoubtedly up. We have good reason to encourage that trend since an extension of the use of electricity can be a notable factor in the abatement of air pollution.

The heavy capital expenditures called for by the construction program over the next ten years will make unprecedented demands on our sources of funds. The maintenance of a stable and viable financial position is an important base on which the success of our efforts to obtain this money ultimately depends. With this in mind, we must strengthen our rate stabilization and other reserves in relation to our expanding operations and obligations.

It should be emphasized that the purpose of our rate stabilization reserve is to smooth out pronounced fluctuations in the cost of power from year to year. It is not used to offset long-term trends. If it were used to meet the large increases in cost that have been normal in recent years and are expected to continue in the immediate future, it would soon be exhausted. Among the contingencies for which it was established are an economic recession, failure of the consumption of electric energy to match the forecast demand and the associated provision of capacity, exchange devaluation which would increase the payments on United States held debt, a major breakdown in equipment, and extraordinary costs incurred in bringing new prototype equipment into service. All these and other contingencies could make heavy demands on the rate stabilization reserve, and as our assets and obligations grow, our financial reserves must be increased if they are to meet the needs for which they have been established.

Through their respective Executives, the Ontario Municipal Electric Association and the Association of Municipal Electrical Utilities were kept fully informed on all broad aspects of our operations and the trend in power costs. Their understanding and co-operation on important issues affecting our combined enterprise are greatly appreciated. I should like to express thanks to all members of the Ontario Hydro organization. Despite difficulties, which included a rotating strike in February and March, all power requirements were met and notable progress was made in the development of new facilities.

I renew my expression of thanks and appreciation to my fellow Commissioners and other members of executive and management.

Respectfully submitted,

GEORGE E. GATHERCOLE
Chairman

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SIXTY-SECOND ANNUAL REPORT
OF
**The Hydro-Electric Power Commission
of Ontario**

FOREWORD

The Hydro-Electric Power Commission of Ontario is a corporate entity, a self-sustaining public enterprise endowed with broad powers with respect to electricity supply throughout the Province of Ontario. Its authority is derived from an Act of the Provincial Legislature passed in 1906 to give effect to recommendations of earlier advisory commissions that the water powers of Ontario should be conserved and developed for the benefit of the people of the Province. It now operates under The Power Commission Act (7-Edward VII, c. 19) passed in 1907 as an amplification of the Act of 1906 and subsequently modified from time to time (Revised Statutes of Ontario, 1960, c. 300, as amended). The Commission may have from three to six members, all of whom are appointed by the Lieutenant-Governor in Council. Two Commissioners may be members of the Executive Council of the Province of Ontario.

The Power Supply

The Commission is primarily concerned with the provision of electric power by generation or purchase, and its delivery in bulk either for resale, chiefly by the more than 350 municipal electrical utilities which are co-operatively associated with the enterprise as a whole, or for use by certain direct customers, for the most part industrial. This primary aspect of operations accounts for about ninety per

cent of the Commission's energy sales. The remaining sales are made to retail customers either in rural areas or in certain communities not served by municipal electrical utilities. Apart from this particular operation by the Commission, retail service throughout the province is generally provided by the associated municipal electrical utilities, which are owned and operated by local commissions functioning under the general supervision of The Hydro-Electric Power Commission of Ontario as provided for in The Power Commission Act and The Public Utilities Act. Under this legislation, the Commission, in addition to supplying power, is required to exercise certain regulatory functions with respect to the municipal utilities served.

Power is provided through the facilities of two operating systems, known as the East and West Systems, which will be fully interconnected in 1970. Meanwhile, they are administered as a unit on behalf of the co-operating municipalities as well as other Commission customers. Power was transferred for the first time early in 1969, chiefly from the East to the West System, over an interconnection provided in part by newly constructed Commission facilities and in part by the facilities of the Great Lakes Power Corporation.

The East System comprises six regions — Western, Niagara, Central, Georgian Bay, Eastern, and Northeastern — while the West System comprises only the Northwestern Region. The dividing line between the two systems is roughly the boundary between the Thunder Bay District and the Districts of Algoma and Cochrane. The Commission maintains offices in seven suitably located cities for the purpose of providing local administration within the seven regions.

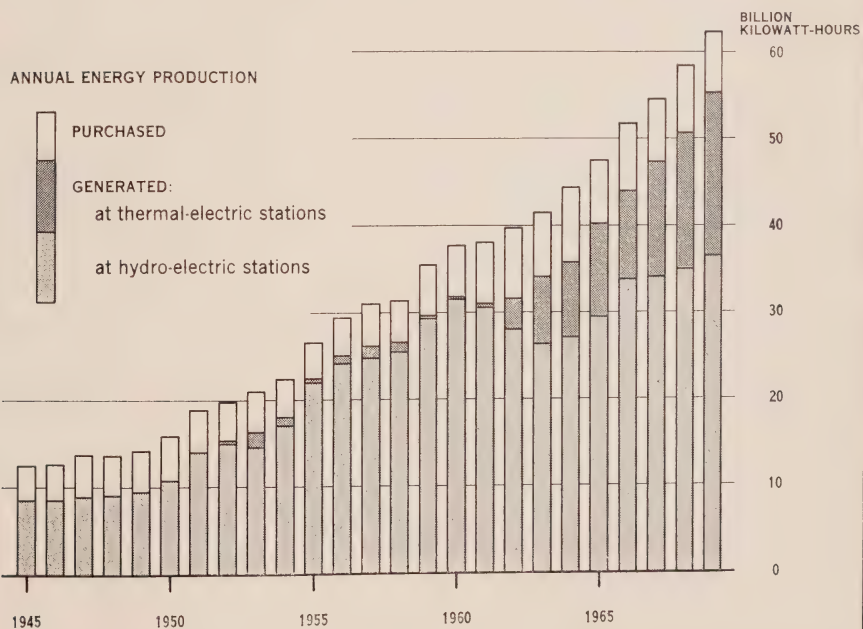
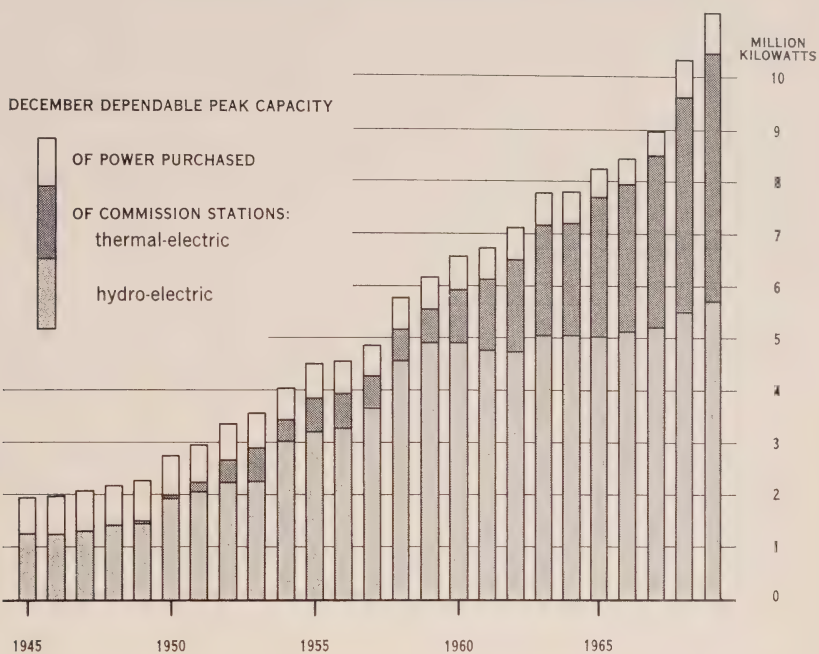
Financial Features

The basic principle governing the financial operations of the Commission and its associated municipal electrical utilities is that service is provided at cost. In the Commission's operations, cost of service includes payment for power purchased, charges for operation, maintenance, and administration, and related fixed charges. The fixed charges include interest, an allowance for depreciation, and a provision for debt retirement. Other substantial items of cost are the charges covering amortization of frequency standardization cost, and a provision to the reserve for stabilization of rates and contingencies. The municipal utilities operating under cost contracts with the Commission are billed throughout the year at interim rates based on estimates of the cost of service. At the end of the year, when the actual cost of service is established, the necessary balancing adjustments are made in their accounts. Retail rates for the municipal utilities are established at levels calculated to produce revenue adequate to meet cost.

The enterprise from its inception has been self-sustaining. The Province, however, guarantees the payment of principal and interest on all bonds and notes issued by the Commission and held by the public. In addition, the Province has materially assisted the development of agriculture under The Rural Hydro-Electric Distribution Act by contributing toward the capital cost of extending rural distribution facilities.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TOTAL POWER RESOURCES AND ENERGY PRODUCTION



Annual Summary

More than 1.2 million kilowatts in new generating capacity were placed in service in 1969, the larger part of this total being in two of the four 500,000-kilo-watt units at Lambton Generating Station. These are the largest units installed in Canada. Aubrey Falls Generating Station, on the Mississagi River, and the extension to Stewartville Generating Station, on the Madawaska River, were also placed in service during the year and contributed to the same total. The remaining construction program, which in addition to Lambton Generating Station comprised thermal-electric projects at Pickering, Nanticoke, and Bruce Generating Stations, and hydro-electric developments at Wells and Lower Notch Generating Stations, was extended in 1969 by the inclusion of Lennox Generating Station, west of Kingston in eastern Ontario. A revision in plan for the design of this station will make it the Commission's first oil-fired generating station.

With the purpose of minimizing the effects of its operations on adjacent environments, the Commission, in common with other large power utilities on this continent and elsewhere in the world, is devoting greater attention and increasing sums of money to the solution of environmental problems.

Revenues from the sale of primary power and energy were \$468.9 million in 1969, exceeding those in 1968 by \$54.0 million, or 13.0 per cent. The additional total of \$7.0 million derived from the sale of secondary energy, like the \$1.9 million similarly derived in 1968, was applied as an offset to the cost of primary power and energy.

Statistical

	1960
Dependable peak capacity, December.....	thousand kw 6,526
Primary power requirements, December.....	thousand kw 5,746
Annual energy generated and purchased.....	million kwh 37,709
Primary.....	million kwh 32,717
Secondary.....	million kwh 4,992
Annual energy sold by the Commission.....	million kwh 34,317
Annual revenue of the Commission (net after refunds).....	million \$ 229
Fixed assets at cost.....	million \$ 2,361
Gross expenditure on fixed assets in year.....	million \$ 132
Total assets, less accumulated depreciation.....	million \$ 2,660
Long-term liabilities and notes payable.....	million \$ 1,844
Transmission line.....	circuit miles 17,831
Primary rural distribution line.....	circuit miles 47,896
Average number of employees in year.....	15,179
Number of associated municipal electrical utilities.....	354
Ultimate customers served by the Commission and municipal utilities.....	thousands 1,881

GUIDE TO THE REPORT

The format of the Report is considerably changed in this 1969 issue. Six sections and three related appendices remain, giving supporting detail regarding Commission activities, some of which have been briefly recorded in the foregoing Annual Summary. The text of these sections is largely reprinted from the Commission's illustrated publication **Ontario Hydro 1969**, which was issued earlier in the year. Where necessary, firm figures in this Report replace statistics which were only preliminary in that publication.

The Operations Section deals with the generation, purchase, and delivery of power, as well as other aspects of system operation such as weather conditions, maintenance, forestry, and the purchase of equipment and material. Supplementary tables are in Appendix I. Section II — Finance includes the Operating Statement, the Balance Sheet, and other statements of primary or special financial interest, while its related Appendix II presents supporting schedules and accounts, including the statements listing municipal equities accumulated through debt retirement charges, and the statement showing the allocation of the cost of primary power to the municipalities. Marketing and services to customers are the subjects of Section III, which is supplemented in Appendix III by statistical information on rural electrical service. Engineering and construction of facilities for the generation, transmission, and delivery of power are dealt with in Section IV, and a brief summary is given in Section V on the progress of some of the tests and investigations being carried out by the Commission's Research Division. Section VI deals with items of employee relations, training, and staff administration.

Summary 1960-69

1961	1962	1963	1964	1965	1966	1967	1968	1969
6,734	7,088	7,756	7,776	8,199	8,464	8,995	10,338	11,242
5,949	6,293	6,797	7,210	7,818	8,565	8,964	9,994	10,555
38,212	39,885	41,471	44,399	47,528	51,753	54,615	58,693	62,449
33,861	35,783	37,644	40,632	43,584	48,056	51,357	55,789	59,426
4,351	4,102	3,827	3,767	3,944	3,697	3,258	2,904	3,023
34,807	36,684	38,466	41,115	44,213	47,944	50,725	54,816	58,413
236	249	270	289	311	336	367	415	469
2,462	2,567	2,665	2,762	2,894	3,125	3,361	3,669	4,098
124	114	108	110	150	211	252	329	447
2,780	2,702	2,753	2,824	2,987	3,190	3,443	3,749	4,129
1,918	1,938	1,959	1,999	2,106	2,237	2,400	2,618	2,906
17,971	18,120	18,642	18,826	19,050	19,342	19,492	19,908	20,037
48,068	48,562	48,993	49,173	49,435	49,863	50,316	50,534	51,320
15,097	14,920	14,387	14,531	14,996	15,361	16,651	19,550	21,686
354	355	355	357	360	358	355	354	354
1,939	1,991	2,042	2,096	2,142	2,188	2,246	2,292	2,344

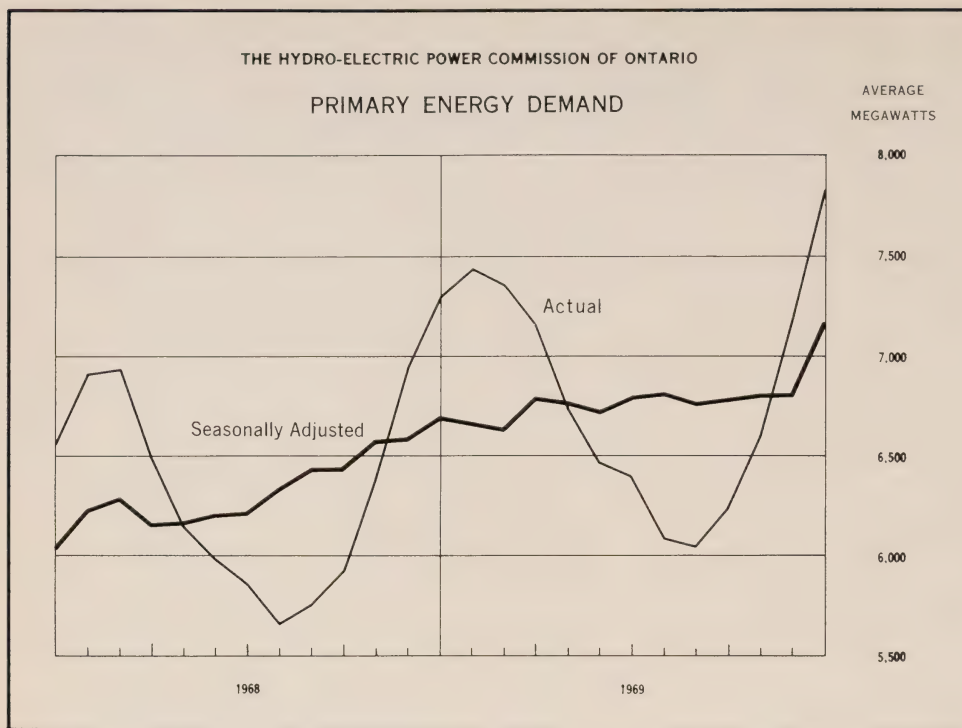
A large part of the Report is devoted to aspects of retail service to ultimate customers, especially that provided by the municipal electrical utilities. The commentary on these activities and the statistical tables applicable to them are brought together in a supplement to the Report entitled Municipal Electrical Service, beginning on page 95.

SECTION I

OPERATION OF THE SYSTEMS

While there was some evidence in 1969 of a levelling off in the rate of growth in power demands, this could possibly be attributed in a substantial degree to industrial disputes involving extended work stoppage, the effect of which was particularly evident on loads during the late summer and early fall. In conjunction with a spell of cold weather in late December, however, loads rose sharply to a peak of 10,555,400 kilowatts to record a 5.6 per cent growth for the year. Primary energy demands for the year reached 59,426 million kilowatt-hours, exceeding 1968 demands by 6.5 per cent.

The dependable capacity of the Commission's resources available to meet peak requirements was increased by 903,700 kilowatts in 1969. The major changes in generating resources included the placing in service of a 500,000-kilowatt thermal-electric unit at Lambton Generating Station, and the addition of four hydro-electric units, two at Stewartville Generating Station and two at Aubrey Falls Generating Station. The second unit at Lambton Generating Station, which was undergoing commissioning tests in 1969, was not considered as dependable capacity at the time of the December peak.



COMBINED SYSTEMS ENERGY DEMAND SEASONALLY ADJUSTED

By the application of appropriate statistical factors to the raw data on energy use month by month, it is possible to eliminate the regularly recurring seasonal pattern of load fluctuation so that the prevailing direction of periodic change, and the effect of significant but other than seasonal variables are more clearly apparent.

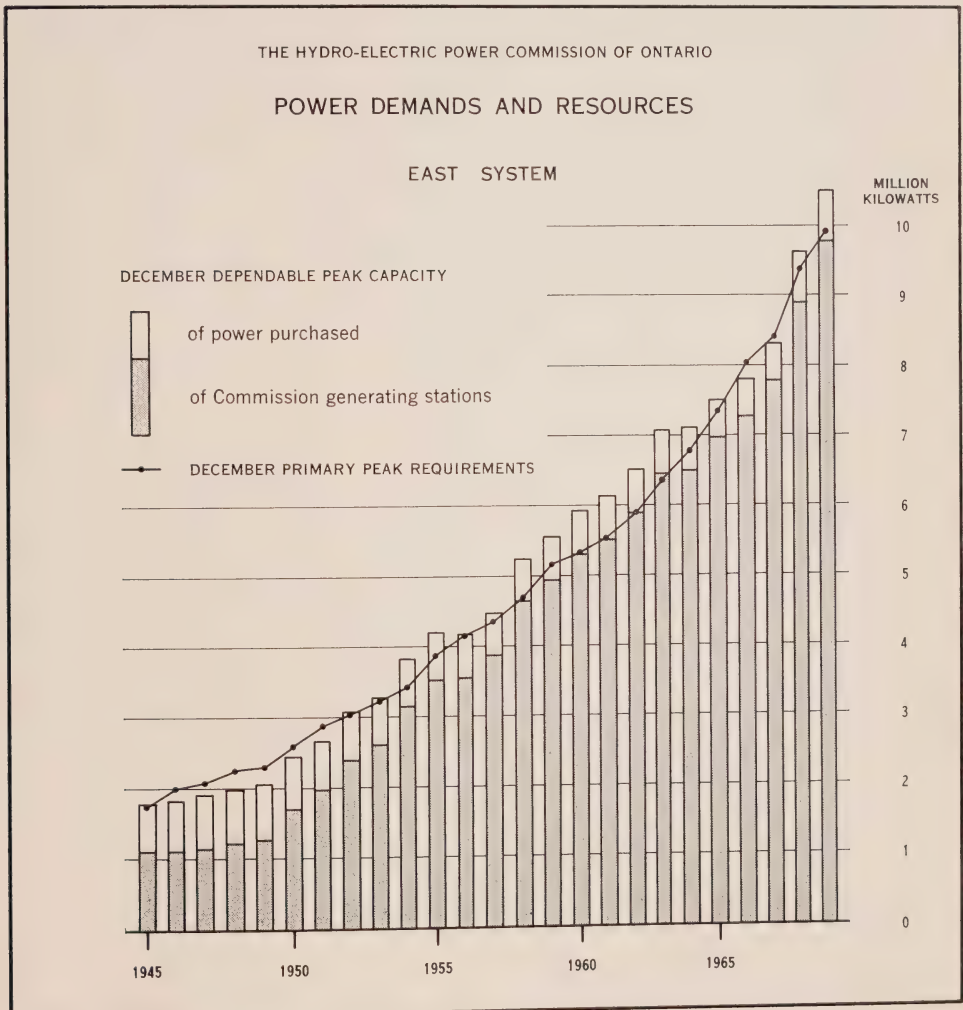
The seasonally adjusted curve in 1969 suggests a slackening in the rate of growth which had prevailed over the previous two years. This reflects in part a general levelling off in economic growth, the effect of which was aggravated by industrial disputes extending over much of the final quarter of the year. The termination of strikes in a number of major companies resulted in a sharp upsurge in energy use in December.

The total energy generated and purchased in 1969 amounted to 62,449 million kilowatt-hours and exceeded the 1968 production by 6.4 per cent. Of this total, 58.7 per cent or 36,663 million kilowatt-hours was generated at hydro-electric stations, where stream flows showed general improvement during the year, 30.2 per cent or 18,871 million kilowatt-hours was generated at thermal-electric stations, and 11.1 per cent or 6,915 million kilowatt-hours was purchased. Increased purchases from the provinces of Quebec and Manitoba were more than offset by declines in other purchases, resulting in a decline of 10.9 per cent in total purchases for the year.

Stream flows and storage conditions were generally good throughout the systems, the annual mean flows on the Niagara, Ottawa, St. Lawrence, and Abitibi Rivers all being well in excess of their 10-year moving averages. Between June 12 and November 25, water that would normally have flowed over the American falls in the Niagara River was diverted to the Horseshoe falls, while the United States Army Corps of Engineers conducted a geological investigation of the American falls.

On January 8, 1969, a 230-kv circuit operating at 115 kv between Wawa and Marathon was placed on load for the first time to provide, with assistance from the facilities of the Great Lakes Power Corporation, for the transfer of power from the East to the West System. It was used on a number of occasions during the year.

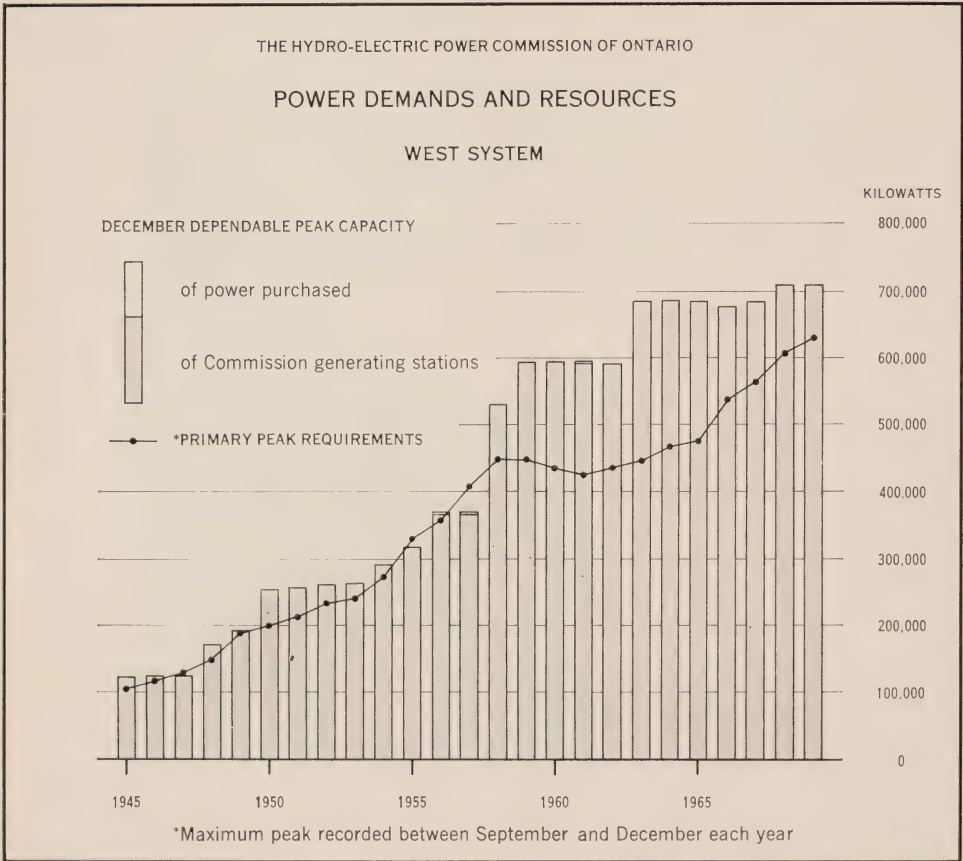
On June 3, with the placing in service of two 345-kv circuits between the states of Michigan and Indiana, the East System was interconnected through Michigan to major power networks in Ohio, Indiana, and beyond. A loop thus formed around Lake Erie permitted circulating power for the first time to flow between the states of New York and Michigan and the province of Ontario. Coincident with this, a new agreement became effective with the Detroit Edison Company and Consumers Power Company providing services additional to those offered in former agreements and setting out revised rate structures for the interchange of power. These exchanges



are of considerable value to all participating utilities. The capacity available because of seasonal diversity of peak periods in the interconnected systems may eventually permit savings in terms of the capital outlay that would otherwise be required for equivalent winter peak capacity. It already makes possible the more effective use of Commission facilities during the summer months.

Thermal-Electric Operations — Nuclear

The 20,000-kilowatt Nuclear Power Demonstration station, in service since 1962 at Rolphton on the Ottawa River, provides operating experience for nuclear staff in training. It also serves as a pilot plant for testing components of modified designs, and for trying new modes of operation. The heat-transport system, which previously circulated heavy water under pressure in the liquid state, was converted in 1968 to operation with boiling heavy water. Operating in this way during 1969, the station performed well, and provided valuable experience and data on the boiling mode of heat-transport. The fuelling machines originally installed at NPD were replaced in 1969 by machines of a modified design, which are working well.



The Nuclear Training Centre established at NPD is now being enlarged to provide adequate training facilities for nuclear operations personnel in the increasing numbers required by the continuing expansion of the Canadian nuclear-power program, and the approaching completion of nuclear-power stations of Canadian design in India and Pakistan. In 1970, Ontario Hydro and Atomic Energy of Canada Limited will send a team of approximately 20 engineers and other staff to India to assist in the commissioning of the Rajasthan Atomic Power Project.

In 1969, major modifications were completed at the 200,000-kilowatt Douglas Point Nuclear Power Station that substantially improve the economy of heavy-water use. At the end of the year, however, two major problems remained to be resolved. One is excessive vibration which has resulted in the failure of some of the turbine blades. The unit will be operated at somewhat less than its full rated capacity until this problem is resolved. The other problem arising from difficulties in on-power refuelling of the reactor was being gradually eliminated through improvement of the fuelling machines.

Heavy-water requirements will increase substantially with the addition of Pickering and Bruce Generating Stations, now under construction. The total installed capacity of these two large nuclear-electric stations is expected to be 5,360,000 kilowatts by the end of 1978. To supplement other sources in providing for initial and operating requirements, Atomic Energy of Canada Limited is building on the Commission's property at Douglas Point a plant which ultimately will produce 800 tons of heavy water per year. Ontario Hydro, which will operate this plant, began recruiting supervisory and operating personnel during 1969. Some of those engaged are now gaining experience by assisting in the commissioning of the Canadian General Electric Company's heavy-water plant at Port Hawkesbury, Nova Scotia. Others are receiving training at the Savannah River plant of the United States Atomic Energy Commission.

Thermal-Electric Operations — Conventional

With the purpose of increasing operating efficiency, recent additions to thermal-electric generating resources have been in the form of prototype equipment of greatly increased capacity. Installation and commissioning have therefore not always proceeded as easily and as quickly as might have been desired. At Lakeview Generating Station, though all of the eight 300,000-kilowatt units have been in operation since 1968, two units required rehabilitation in 1969 to improve the heat rate, and at the end of the year necessary modifications and commissioning tests for two other units were still incomplete. Progress has generally been better at Lambton Generating Station, where by the end of the year one of the four 500,000-kilowatt units had been fully commissioned, and a second had been accepted as suitable for use in meeting system demands although commissioning was not complete.

The large thermal-electric units now being installed are more efficient and more economical to operate than the smaller units installed at J. Clark Keith and Richard L. Hearn Generating Stations in the 1950's. Because of the higher efficiencies, and the tendency to make greater use of these newer units, the average

net heat rate for the Commission's coal-fired stations has improved substantially and is now among the better heat rates for power utilities in North America.

Protection, Control, and Communications

In the more crowded parts of the Commission's high-voltage power grid, power-line-carrier links, first introduced in the early 1940s, can no longer adequately meet requirements for relaying, telemetering, and voice communication. To replace these links the Commission is installing a microwave radio network which will provide a more adequate number of communication channels. Through the use of signal-frequency diversity and a geographic arrangement that places most microwave stations in one or another of several ring configurations, the microwave network will also provide a high degree of communication stability. One ring and two sections of the microwave network in southern Ontario were completed and placed in service before the end of 1969.

A program to augment and modernize high-voltage circuit-breaker failure-protection facilities is being continued. In addition, high-voltage transmission-line protection devices are now being converted to a new dual protection standard. These facilities will work in conjunction with the new microwave network.

Two years ago, the Commission began to install frequency trend relays at 70 locations on the East System. This work was completed in 1969. The relays will aid in maintaining optimum system security by determining at the onset of a system disturbance whether power frequency is likely to fall below a critical level. If necessary, these relays will be capable of shedding as much as 50 per cent of the East System 60-cycle peak load.

Maintenance

Extensive rehabilitation work was undertaken in 1969 to repair damage resulting from erosion and to prevent further damage along the shores and dikes of generating station headponds. Large amounts of riprap and earth fill were placed near Cardinal along a short section of the shore of Lake St. Lawrence, which is the headpond of Robert H. Saunders-St. Lawrence Generating Station. Similar work was carried out on about three miles of the five miles of earth dike that contain the headpond of Little Long Generating Station on the Mattagami River, and along a length of slightly less than a mile of the five-mile-long dike that contains the reservoir for the pumping-generating station at Sir Adam Beck-Niagara Generating Station No. 1.

For Units 3 and 4 at Cameron Falls Generating Station, on the Nipigon River, cast-steel turbine runners have been purchased to replace the original cast-iron runners, which are in relatively poor condition. The cast-steel runners are expected to use the available water flow more efficiently.

To aid in meeting peak demands, the Commission uses a total of 27 combustion-turbine generator units installed at a number of generating stations and transformer stations throughout the province. Though these units are generally used for

only short daily periods in the winter months, excessive smoke in the exhaust of some units may create a problem, particularly in residential areas. As a possible solution to the problem, a set of experimental smokeless combustion baskets was purchased and installed on a combustion-turbine unit at A. W. Manby Transformer Station, in western Metropolitan Toronto. These have successfully reduced exhaust smoke to an acceptable level, and nine sets of similar combustion baskets have been purchased for installation on other combustion-turbine units.

The Commission is now using closed-circuit television in providing training for electrical maintenance staff. Records on video tapes have been made both of repetitive maintenance operations, such as circuit-breaker overhauls, and of highly specialized and relatively infrequent operations, such as generator rewinds. These tapes have been found to be a very effective supplement to more conventional methods of classroom training.

In 1969, the Commission purchased two new helicopters and sold three older machines, reducing the number in the fleet to twelve. The helicopters logged a total of 6,345 flying hours during the year. Their major use was for inspection patrols along 142,000 circuit-miles of transmission line. However, the machines logged more than 2,000 hours on work related to the construction of the East-West tie-line and the new extra-high-voltage circuit from Sudbury to Parry Sound, transporting material, supervisory personnel, construction crews, and camp equipment in territory that otherwise would not have been easily accessible. They were also used extensively in work such as pole delivery and placement, conductor stringing and re-sagging, right-of-way spraying, dam tending, photography, ice patrols, and search and rescue.

A new procedure has been developed for using the largest helicopter in the fleet to replace deteriorating wood poles on established high-voltage lines. The procedure substantially reduces costs and the time required for the work. In 1969, it was restricted to work on de-energized line, but with growing experience, helicopter pole-setting may be extended to work on live lines.

Forestry

In 1969, the Commission began initial work on experiments in seeding new rights of way with a variety of grasses and legumes that are intended to preclude the invasion of woody growth and to increase the food supply for game birds and other wild life. The work is being carried out at six locations in the province in co-operation with the Department of Agriculture and the Department of Lands and Forests, which is interested from an environmental point of view.

This is a first step in efforts to introduce biological methods as a complement to chemical methods for the control of brush. With rights of way more attractive in appearance, and conditions for game improved, there may indeed be some basis for seeing a close relationship between these improvements and more co-operative attitudes towards utilities on the part of hunters, which are reflected in a decline in wilful damage to insulators by gunfire.

Work has begun on a plan to use 75 acres of property at Pickering Generating Station for a tree nursery that will demonstrate the use of trees compatible with overhead lines. The nursery will also be used for experimental work with growth inhibitors, soil sterilization, and chemical brush control. Initial plantings of about 6,000 seedlings and 3,700 trees from five to eight feet in height have been completed.

Supply

The Commission's Annual Report for 1967 recorded that the growing complexity of the power system and the need for much larger and more sophisticated equipment components had led over the years to a general compounding of problems in procuring satisfactory equipment, in adequately meeting installation schedules, and in achieving dependable equipment performance. There was evidence of considerable improvement in 1969, particularly at Lambton Generating Station, where two units were brought into service ahead of schedule. In earlier years, however, some manufacturers have bid for the supply of products of a size and complexity well beyond their experience, and in so doing have overestimated their engineering and manufacturing ability or underestimated the equipment requirements. They have failed to meet delivery and in-service dates, or their products have been inadequate in design and have fallen short in quality and reliability of performance. This inevitably adds to Ontario Hydro's costs.

In an intensified effort to deal with this kind of difficulty, a new quality assurance program was introduced in 1969. One of its major objectives will be to ensure that bids are requested only from suppliers who have demonstrated the necessary qualifications and experience to meet the designated engineering and manufacturing requirements. To this end, Ontario Hydro will thoroughly investigate the manufacturing capability of suppliers, verify their inspection procedures, and audit their performance in meeting quality and delivery specifications. The manufacturers have shown an encouraging response to this effort to ensure that future requirements for dependable generating units and other major facilities will be met satisfactorily and on time.

The Commission burned 7,060,000 tons of coal at its thermal-electric stations in 1969, but received only 6,818,000 tons, or 77 per cent of the total ordered under contract from its suppliers. The shortfall in deliveries was attributable to labour difficulties, mine disasters, and new and stringent health and safety regulations introduced by the United States Government. Because the Commission was able to draw upon its substantial coal reserves, it fared better in 1969 than many other large consumers of steam coal. The coal supply situation, however, is becoming critical throughout North America, and this was one of the factors considered in deciding that the boilers at Lennox Generating Station will be oil-fired.

SECTION II

FINANCE

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SECTION II

FINANCE

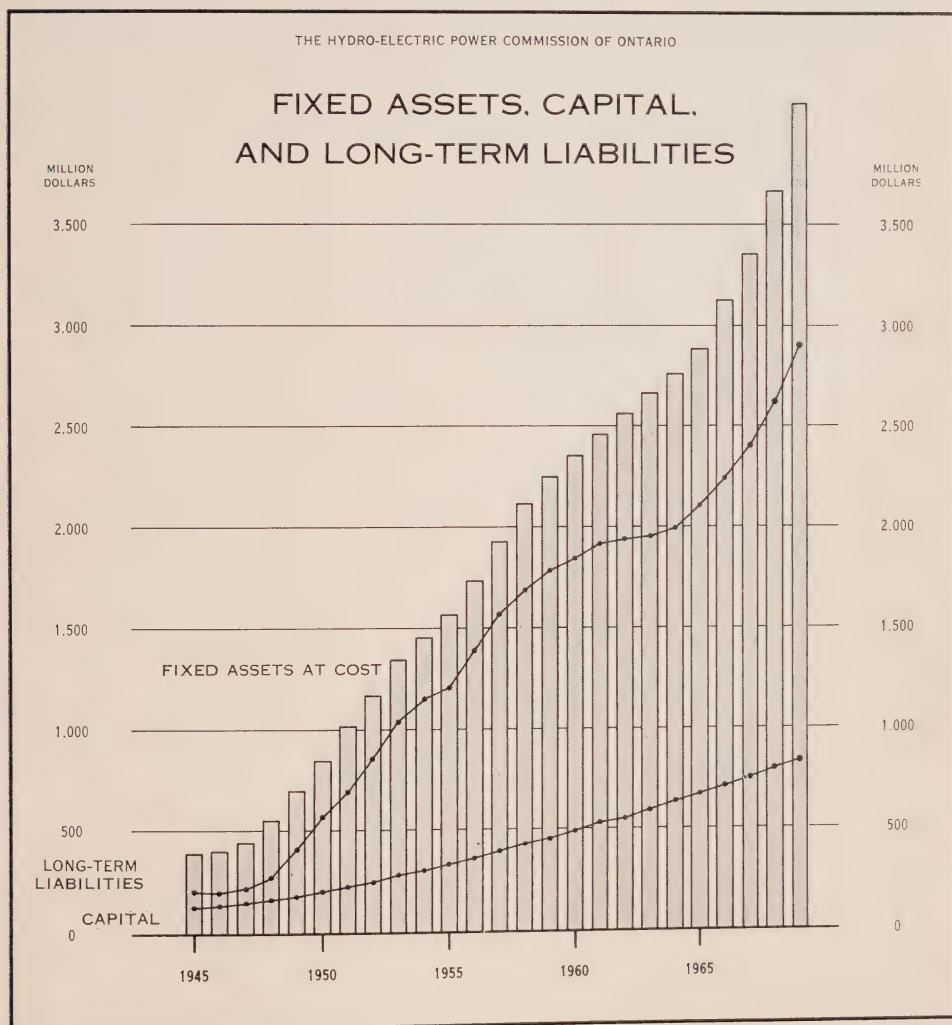
Revenues in 1969 were 13.0 per cent greater than in 1968, rising by \$54.0 million to \$468.9 million. While there were rate increases to municipalities and direct customers in 1969, and a rate increase to retail customers in the fall of 1968, the larger revenues from municipalities and retail customers were primarily attributable to growth in the demands for power. The increase in rates was the main reason for the larger revenue from direct customers. By comparison with results in 1968, revenue from municipalities was up by \$32.8 million or 13.0 per cent, revenue from retail customers by \$14.1 million or 14.6 per cent, and revenue from direct customers by \$7.1 million or 10.8 per cent.

Costs, before reserve provision, rose from \$401.2 million in 1968 to \$433.3 million in 1969. Operating, maintenance, and administrative expenses increased by \$14.7 million. The cost of fuel used for electric generation exceeded corresponding costs in 1968 by \$10.8 million, reflecting the increasing dependence on thermal-electric generating facilities to meet the growth in customer requirements. Increased borrowings and higher interest rates resulted in an increase in interest expense of \$6.1 million. As a reflection of the continued growth of fixed assets

in service, the provision for depreciation was \$5.4 million more than in 1968. Secondary revenue, which is applied as a reduction of costs, was \$5.1 million greater than in 1968, mainly as a result of an increase in the export of power to the United States.

Expenditures on fixed assets during the year amounted to \$446.7 million, including \$217.6 million on thermal-electric generating facilities, \$55.5 million on hydro-electric generating facilities, \$122.6 million on transformer stations and transmission lines, and \$28.6 million on retail distribution facilities.

Expenditures on thermal-electric generating facilities include the Commission's share of expenditures on Pickering nuclear generating station which was \$86.8 million, in addition to expenditures of \$77.0 million on Lambton Generating Station.



\$38.2 million on Nanticoke Generating Station, and \$11.2 million on Bruce Generating Station. The major outlays on hydro-electric generating facilities were \$21.6 million on Lower Notch Generating Station on the Montreal River, and \$16.4 million and \$8.4 million respectively on Wells Generating Station and Aubrey Falls Generating Station, both on the Mississagi River.

The Commission's debt from borrowings amounted to \$2,905.7 million at December 31, 1969, as compared with \$2,618.1 million at December 31, 1968. The net increase of \$287.6 million during the year represents \$269.6 million in bonds and advances and \$18.0 million in notes. During 1969 the Commission issued bonds amounting to \$185.0 million in Canadian currency, \$175.0 million in U.S. currency and DM 150.0 million in West German currency.

The balance in the reserve for stabilization of rates and contingencies amounted to \$225.6 million at the end of 1969, up \$42.2 million from the balance at the end of 1968. The reserve is used to stabilize the effects on cost brought about by variations in stream flows, loads varying from the levels forecast, major physical damage to plant and equipment or their premature retirement, fluctuations in exchange on debt payable in foreign currencies, and other contingencies.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENT OF OPERATIONS

for the Year ended December 31, 1969

(with comparative figures for 1968)

	1969	1968
	\$	\$
REVENUES		
from Municipalities.....	285,679,654	252,915,270
from Retail Customers.....	109,991,769	95,940,830
from Direct Customers.....	73,258,580	66,106,170
	<u>468,930,003</u>	<u>414,962,270</u>
COSTS		
Operating, maintenance, and administrative expenses.....	149,401,861	134,681,274
Fuel used for electric generation.....	65,688,041	54,930,134
Power purchased.....	15,164,773	17,830,484
Interest (Note 1).....	90,032,490	83,941,567
Depreciation.....	58,423,877	52,999,055
Debt retirement charge.....	43,128,530	42,643,028
Amortization of frequency standardization cost (Note 2)....	18,472,331	16,134,225
Sales of secondary energy.....	7,046,219	1,935,483
Total before reserve provision (<i>withdrawal</i>).....	433,265,684	401,224,284
Provision and interest—reserve for stabilization of rates and contingencies.....	36,009,144	23,580,124
Withdrawal from the reserve for stabilization of rates and con- tingencies, retail and direct customers, to offset net deficit on sales to these customers.....	344,825	9,842,138
	<u>468,930,003</u>	<u>414,962,270</u>

See accompanying notes on page 25.

THE HYDRO-ELECTRIC POWER

BALANCE SHEET AS AT
(with comparative)

ASSETS

	1969	1968
	\$	\$
FIXED ASSETS (Note 3)		
Plant in service, at cost.....	3,500,295,855	3,228,324,552
Less accumulated depreciation.....	643,367,420	588,861,039
	2,856,928,435	2,639,463,513
Plant under construction, at cost.....	598,055,337	440,641,885
	3,454,983,772	3,080,105,398
INVESTMENTS (Note 4)		
Investments held for		
Reserve for stabilization of rates and contingencies.....	177,831,787	150,367,270
Debt retirement fund.....	48,573,528	46,733,251
Employer's liability insurance fund.....	4,165,294	4,009,615
	230,570,609	201,110,136
CURRENT ASSETS		
Cash and short-term investments (Note 5).....	159,670,700	181,371,533
Accounts receivable.....	83,853,865	79,806,192
Coal, at cost.....	40,710,114	41,035,365
Materials and supplies, at cost.....	25,741,337	23,824,756
	309,976,016	326,037,846
DEFERRED CHARGES AND OTHER ASSETS		
Frequency standardization cost, less amounts written off.....	82,632,731	97,555,519
Discount and expense on bonds and notes payable, less amounts written off.....	31,952,470	25,467,265
Long-term accounts receivable.....	8,193,955	7,804,636
Other assets.....	10,334,244	10,789,981
	133,113,400	141,617,401
	4,128,643,797	3,748,870,781

AUDITORS' REPORT

We have examined the balance sheet of The Hydro-Electric Power Commission of Ontario as at December 31, 1969 and the statements of operations and source and application of funds for the year then ended. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion these financial statements present fairly the financial position of the Commission as at December 31, 1969 and the results of its operations and the source and application of its funds for the year then ended.

Toronto, Canada,
March 31, 1970

CLARKSON, GORDON & CO.
Chartered Accountants.

COMMISSION OF ONTARIO

DECEMBER 31, 1969

figures for 1968)

DEBT, EQUITY, AND LIABILITIES

	1969	1968
	\$	\$
DEBT FROM BORROWINGS		
Bonds payable (Note 6)		
In Canadian currency	1,822,364,100	1,770,791,800
In United States currency (\$790,884,000 U.S.) (Note 7)	826,124,530	647,404,186
In West German currency (DM 150,000,000) (Note 7)	40,401,005	
Notes payable due within one year	215,000,000	197,000,000
Advances from the Province of Ontario	1,807,463	2,868,196
	<u>2,905,697,098</u>	<u>2,618,064,182</u>
EQUITY		
Equities accumulated through debt retirement charges	718,699,033	675,570,503
Reserve for stabilization of rates and contingencies	225,629,056	183,410,967
Contributions from the Province of Ontario as assistance for rural construction (Note 8)	122,684,500	121,297,335
	<u>1,067,012,589</u>	<u>980,278,805</u>
CURRENT LIABILITIES		
Accounts payable and accrued charges	96,818,199	98,489,093
Accrued interest	50,063,510	42,346,715
	<u>146,881,709</u>	<u>140,835,808</u>
DEFERRED LIABILITIES		
Customers' deposits	3,162,066	4,611,149
Employer's liability insurance fund	5,890,335	5,080,837
	<u>9,052,401</u>	<u>9,691,986</u>
	<u>4,128,643,797</u>	<u>3,748,870,781</u>

See accompanying notes on page 25.

THE HYDRO-ELECTRIC POWER

RESERVE FOR STABILIZATION
for the Year Ended

	Held for the Benefit of All Customers
	\$
Balances at December 31, 1968.....	177,832,259
Add:	
Interest for the year at rates approximating those earned on investments held for the reserve.....	10,066,186
Provision charged to operations.....	25,632,230
Net profit on redemption of bonds payable, sale of investments, and currency revaluations.....	6,597,903
	220,128,578
Deduct:	
Withdrawal to offset net deficit on sales to retail and direct customers.....	.....
Grant to Ontario Municipal Electric Association.....	.....

Balances at December 31, 1969.....	220,128,578

EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES
for the Year Ended December 31, 1969

	Municipalities	Power District	Total
	\$	\$	\$
Balances at December 31, 1968.....	483,759,424	191,811,079	675,570,503
Add:			
Debt retirement charge to operations.....	27,670,875	15,457,655	43,128,530
Equities transferred through annexa- tions.....	601,184	601,184	.....
Balances at December 31, 1969.....	512,031,483	206,667,550	718,699,033

COMMISSION OF ONTARIO

OF RATES AND CONTINGENCIES

December 31, 1969

HELD FOR THE BENEFIT OF (OR RECOVERABLE FROM) CERTAIN GROUPS OF CUSTOMERS				
Municipalities	Power District			TOTAL
	All Direct Customers	Direct Customers Former Northern Ontario Properties	Retail Customers	
\$ 1,129,454	\$ 3,383,881	\$ 7,026,912	\$ 806,223	\$ 183,410,967
58,844	191,572	397,814	45,642	36,009,144 }
.....	.....	.....	.....	6,597,903
1,188,298	3,575,453	7,424,726	851,865	226,018,014
..... 44,133	1,883,993 .....	..... .....	1,539,168	344,825 44,133
44,133	1,883,993	.....	1,539,168	388,958
1,144,165	5,459,446	7,424,726	2,391,033	225,629,056

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENT OF SOURCE AND APPLICATION OF FUNDS

for the year ended December 31, 1969
(with comparative figures for 1968)

	1969	1968
	\$	\$
SOURCE OF FUNDS		
Operations		
Depreciation		
Charged directly to operations.....	58,423,877	52,999,055
Charged to various overhead accounts.....	8,778,935	8,681,823
Debt retirement charge.....	43,128,530	42,643,028
Frequency standardization amortization of cost, less interest on the account.....	14,922,788	12,117,205
Provision and interest—reserve for stabilization of rates and contingencies.....	36,009,144	23,580,124
Amortization of discount on bonds and notes payable..	6,390,309	3,644,397
Net deficit on sales to retail and direct customers.....	344,825	9,842,138
Other items—net.....	404,881	330,555
	<u>166,903,877</u>	<u>133,492,939</u>
Proceeds from issues of bonds and notes, less retirements..	280,068,369	215,673,028
Net increase in amounts held in cash and investments....	6,067,824	34,583,614
	<u>274,000,545</u>	<u>181,089,414</u>
Increases in accounts and interest payable.....	6,045,901	27,463,413
	<u>446,950,323</u>	<u>342,045,766</u>
APPLICATION OF FUNDS		
Expenditures on fixed assets, less proceeds from sales, etc..	440,694,021	319,174,732
Increases in accounts receivable.....	4,436,992	21,638,031
Increases in coal, materials, and supplies.....	1,591,330	1,988,159
Other items—net.....	227,980	755,156
	<u>446,950,323</u>	<u>342,045,766</u>

NOTES TO FINANCIAL STATEMENTS

1. Interest cost in 1969 is the interest on bonds, notes and advances \$155,038,304, less the following: interest earned on investments \$27,812,481, interest capitalized \$28,944,613, interest on unamortized frequency standardization cost \$3,549,543, and miscellaneous interest \$4,699,177.

2. The 1969 amortization of frequency standardization cost comprises:

Assessments to customers of the former Southern Ontario System as follows:

\$3.00 per kilowatt of costing load to all customers who were converted to 60-cycle frequency.....	\$15,803,805
\$.50 per kilowatt of costing load to all non-converted 60-cycle customers.....	933,822

\$16,737,627

An amount equal to the net revenue on the export of 60-cycle secondary energy from the former Southern Ontario System.....	1,734,704
--	-----------

Total amortization shown in the Statement of Operations.....	<u>\$18,472,331</u>
--	---------------------

3. The construction of units 1 and 2 of Pickering nuclear generating station is a joint undertaking, with about 40% of the cost being financed by the Commission, 33% by Atomic Energy of Canada Limited, and 27% by the Province of Ontario, ownership being vested in the Commission. Contributions by Atomic Energy of Canada Limited and the Province of Ontario to December 31, 1969 amounting to \$106,843,665 have been deducted in arriving at the cost of plant under construction. These contributions will be repayable only if, as, and when this plant has operational savings in comparison with the Commission's coal-fired Lambton Generating Station as stipulated in the agreement between the parties.

4. On December 31, 1969, investments, which are included at amortized cost, consisted of government and government-guaranteed bonds, \$229,575,922 and corporate bonds, \$994,687. At this date, the market value of these investments was \$193,635,000.

5. On December 31, 1969, cash amounted to \$6,713,726; short-term investments, which are included at amortized cost (approximately market value), consisted of interest-bearing deposits with banks and trust companies, \$108,802,688, government and government-guaranteed bonds, \$18,101,286, corporate obligations, \$17,843,000, and bank discount notes, \$8,210,000.

6. Bonds maturing in the next five years are as follows:

	<i>Payable in Canadian Currency</i>	<i>Payable in United States Currency</i>
	\$	\$
1970.....	90,759,500	.....
1971.....	57,696,300	41,735,000
1972.....	26,789,000	40,985,000
1973.....	65,274,500	.....
1974.....	111,422,000	.....
	<u>351,941,300</u>	<u>82,720,000</u>

7. The liability for bonds payable in foreign currencies is translated to Canadian currency at the rates of exchange at time of conversion. Translated at rates of exchange which prevailed at December 31, 1969, the liability for bonds payable in foreign currencies would be increased by \$26,500,000. Exchange losses incurred when bond issues mature are charged to the reserve for stabilization of rates and contingencies.

8. The Province of Ontario contributed \$1,387,165 during 1969 as assistance for rural construction.

SECTION III

MARKETING AND THE COMMISSION'S CUSTOMERS

THE total number of customers served by the Commission and the associated municipal electrical utilities was 2,343,807 at the end of 1969, as shown on the following table:

ULTIMATE CUSTOMERS SERVED

Retail customers served by 354 municipal utilities		1,738,512
Retail customers served by the Commission		
In 14 communities where the Commission owns and operates the distribution facilities	28,059	
In rural areas	577,053	
Special (formerly direct customers having loads of, for the most part, under 5,000 kw (including 2 interconnected systems)	87	605,199
		<hr/>
Total retail customers		2,343,711
Direct customers (including 9 interconnected system)		96
		<hr/>
Total		2,343,807
		<hr/>

The distribution of energy to these groups of customers is recorded in the table on pages 48 and 49, where the groups are segregated in the same manner. For other statistical purposes, the customers in the 14 communities served by Commission-owned facilities are regarded as similar to municipal electrical utility customers. Both groups are therefore considered together in the introductory comment on retail service in the Municipal Service Supplement beginning on page 95.

The Marketing Program

The success of the Co-operative Marketing Program for Electric Commissions (COMPEC) in Essex County led to the establishment of similar programs during 1969 in Norfolk County, and for the public utility services in and around Bowmanville. In each of these areas, groups of utilities have joined with Ontario Hydro in a co-ordinated marketing program in order to deal more effectively with marketing problems. By the application of common rate structures, and the observance of more uniform service procedures, these co-ordinated groups, designated respectively COMPEC Essex, COMPEC Norfolk, and COMPEC Bowmanville, are deriving maximum benefit from their united sales effort.

The competitive strength of all-electric service is being effectively demonstrated in the field of major educational facilities. Among the more recent examples are Sir Sandford Fleming College in Peterborough and Confederation College in the Lakehead municipality now known as Thunder Bay. Brock and Trent Universities, already in operation for some time, are continuing to expand their electrical services. A study conducted by the Metropolitan Toronto School Board has resulted in the development of a modular method for school construction, which will combine a maximum of flexibility with a minimum of cost. The first 32 buildings are designed to be all-electric. These projects, upon completion, will provide more than \$500,000 in annual revenue to the electrical utilities of Metropolitan Toronto.

There is a marked trend toward the increased use of apartment buildings in meeting the need for new housing. Some major builders, in an effort to reduce construction time and costs, are resorting to modular pre-cast construction techniques already in common use in Great Britain and western Europe. The development of an electric heating system appropriate to this type of construction is of major interest to the Commission's sales and research staff.

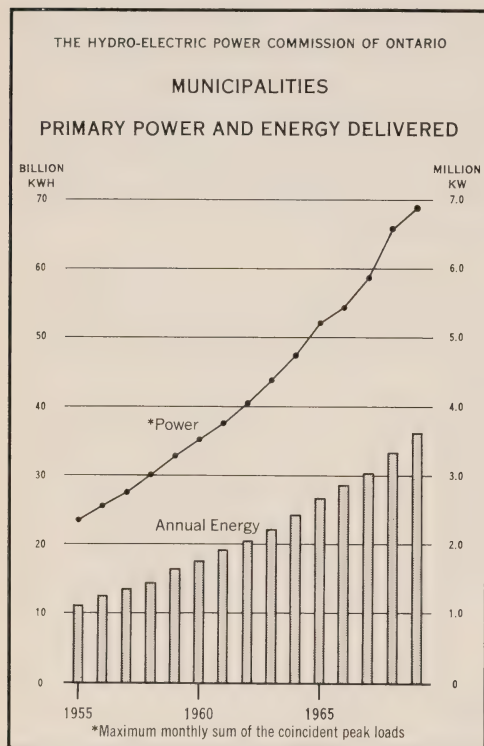
The Electrical Modernization Program is now available to 80 per cent of the customers served in the province. Nearly 200 of the municipal utilities have undertaken, together with Ontario Hydro, to provide financial assistance to customers who plan to modernize electric equipment on their premises by the installation of additional circuits and outlets, and the introduction of electric heating and improved lighting.

The number of single-family and multiple-dwelling units heated by electricity, either by new installations or by conversion from other methods, now exceeds 83,000.

MUNICIPALITIES

The sum of the December peak loads of the municipal electrical utilities in 1969 was 6,884,379 kilowatts. This exceeded the corresponding peak load of *6,582,861 kilowatts in December 1968 by 4.6 per cent. With a few exceptions, the various municipal utility components of this total are given in the Statement of Customers, Revenue, and Consumption beginning on page 152. The exceptions

are the peak loads for a few utilities which supplement the delivery of power by the Commission either by the operation of their own generating facilities, or by the purchase of power from other suppliers. Where this is so, the peak load shown for the municipality includes this supplementary power and is in bold face type.



The energy delivered to the utilities by the Commission during 1969 amounted in total to 36,127 million kilowatt-hours, as shown in the table on page 47. This exceeded the 33,426 million kilowatt-hours delivered in 1968 by 8.1 per cent.

The cost of power supply to a municipal electrical utility is billed on an interim basis each month through a combination of two components, a demand charge and an energy charge, the latter at present being uniformly 2.75 mills per kilowatt-hour to all utilities. The demand component is calculated by ascertaining the maximum average load registered by the

utility over any period of twenty consecutive minutes in the month, and applying to this maximum an interim rate per kilowatt established for that utility prior to the beginning of the year. The maximum for the month of December is given for each utility in the Statement on Customers, Revenues, and Consumption, since this is the month in which the system annual peak normally occurs. On the other hand, the averages of the twelve monthly peaks are given in the Statement of the Allocation of the Cost of Primary Power, since these averages provide the basis for some of the allocation. When the actual cost of supplying power and energy has been established through this allocation at the end of the year, the necessary debit or credit billing adjustments are made to reconcile interim billings with cost.

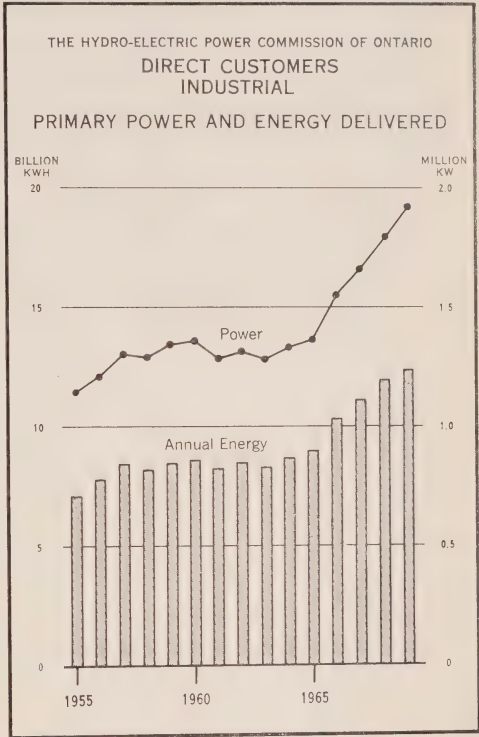
*Revised.

DIRECT CUSTOMERS

The direct customers of the Commission included 87 industrial customers and 9 interconnected utility systems.

Two large industrial companies were added to the system in 1969. One is a manufacturer of rug-backing material using poly-propylene fibre, located in eastern Ontario. The other is located in western Ontario, where it uses a continuous chemical reaction and a recovery process for the production of a moulding-grade iron powder. Each of these loads is expected to exceed 10,000 kilowatts within a three-year period.

The monthly sum of the primary peak loads for the direct industrial customers reached its annual maximum in December at 1,919,092 kilowatts. This was 119,977 kilowatts or 6.7 per cent greater than the corresponding annual maximum recorded in November 1968. The table on page 47 shows the disposition of energy, both primary and secondary, to these 87 customers and the interconnected systems.



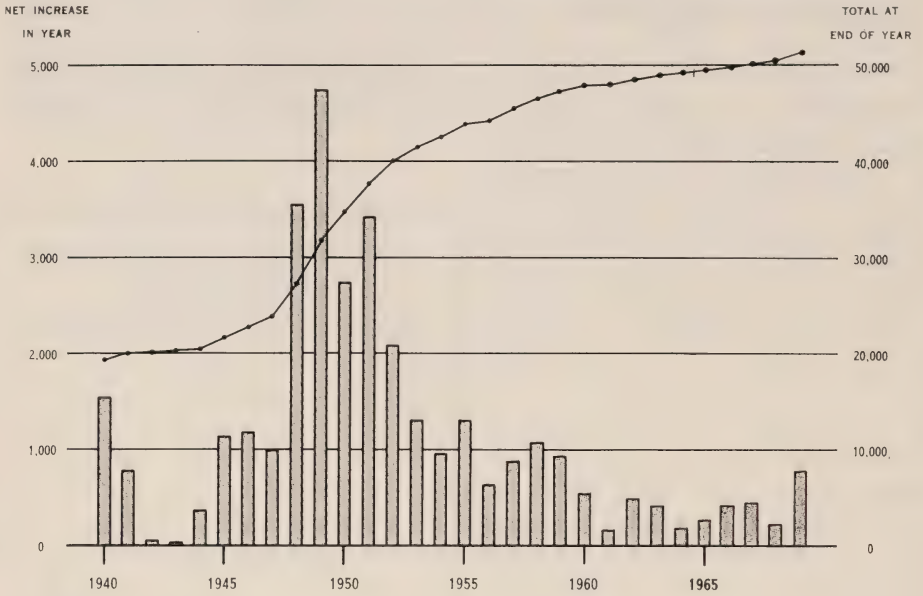
RURAL ELECTRICAL SERVICE

Technical assistance is provided by Ontario Hydro to the agricultural community and to electrical contractors engaged in expanding and improving the safe and efficient use of electric power on the farm. As labour is increasingly replaced by the use of electric energy in all types of commercial farming, the total electric concept is gaining wider acceptance for the provision of a generally satisfactory environment in all types of farm buildings. With the total number of farm customers continuing to decline as a result of annexations by municipalities and the widespread trend towards the amalgamation of small farms into units of larger size, the average use of electricity for farm customers rose from 903 kilowatt-hours per month in 1968 to 972 kilowatt-hours per month in 1969.

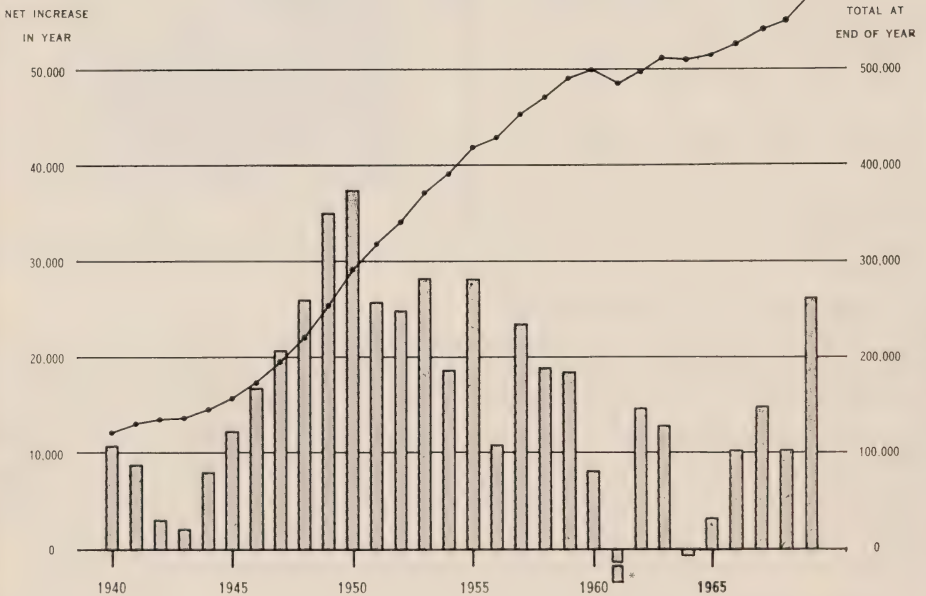
Substantial administrative economies have been achieved by the Commission in recent years through the consolidation of rural administrative areas, now reduced

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

MILES OF RURAL PRIMARY LINE



NUMBER OF RURAL CUSTOMERS



*DECREASE — 14,542

in number to 68. With the improvement in quality of modern roads and communications, and the high dependability of mechanized equipment, which can be subject to continuous radio control, these economies have been achieved without adversely affecting the level of service.

SERVICES TO CUSTOMERS

Electrical Inspection

Revisions have been adopted in electrical safety regulations to meet the requirements of new building methods and wiring techniques. Particular consideration was given to changes in school building facilities as foreseen by education authorities, and to the requirements of modular pre-cast construction for multiple dwellings. A major revision is the requirement, effective January 1, 1970, that single-dwelling panelboards shall have space for the equivalent of twenty-four 120-volt branch circuits, including at least two of 120/240-volt capacity, for which over-current protection shall be a minimum of 35 amperes.

SECTION IV

PLANNING, ENGINEERING, AND CONSTRUCTION

During 1969, the Commission placed 1,222,000 kilowatts of installed generating capacity in service, 1,000,000 kilowatts in two units at Lambton Generating Station and the remainder in four hydro-electric units, two at Aubrey Falls Generating Station on the Mississagi River and two in an extension to Stewartville Generating Station on the Madawaska River. The present construction program provides for the addition of a further 11,176,000 kilowatts during the period to the end of 1978. Of this total, 10,745,000 kilowatts will be in five large thermal-electric stations, scheduled variously throughout this period, and more than half of this in turn will be installed in two major nuclear stations. The hydro-electric contribution to the program is at present limited to 431,000 kilowatts in two stations to be brought into service during 1970 and 1971.

The present commitments for generating station construction will in large measure meet requirements up to the year 1980, but to the extent that they eventually appear to fall short of that requirement they will be supplemented as may seem most appropriate by any of the following:

- the installation of additional units with a maximum capacity of 331,000 kilowatts at hydro-electric stations on the Mattagami River.
- the addition of fossil-fuel thermal-electric units similar to the 500,000-kilowatt units being installed at Nanticoke Generating Station,
- the installation of 100,000-kilowatt or 200,000-kilowatt fossil-fuel thermal-electric units in northwestern Ontario.

PROGRESS ON POWER DEVELOPMENTS

Hydro-Electric Stations

Work was carried out at four hydro-electric sites during 1969.

A two-unit extension to Stewartville Generating Station was placed in service in 1969, one unit in July and one in August. This marked the completion of the major work of redeveloping the potential of the Madawaska River, which involved the construction of Mountain Chute Generating Station and extensions to Barrett Chute Generating Station and Stewartville Generating Station.

At Aubrey Falls Generating Station on the Mississagi River, construction of the main dam and headworks was completed, and the headpond was flooded in the spring of 1969. The major work was completed to permit the two units to be placed in service in November. At Wells Generating Station, also on the Mississagi River, concreting of the headworks was finished by the end of the year, and concreting in the powerhouse area, including the penstock envelope, was about 80 per cent complete. Erection bay structural steel and steel for the scroll cases and penstocks were all in place. The tailrace has been excavated and flooded.

Construction at Lower Notch, near the mouth of the Montreal River, is being carried out by H. G. Acres & Co. Ltd. During the year, excavation in the powerhouse, spillway, and headworks areas was completed, in the main dam and reservoir area it was almost complete, and excavation in the canal was under way. Clearing of the headpond was well advanced. Concreting was proceeding for the headworks and powerhouse, and following the erection of structural steel, the powerhouse itself was closed in to permit erection of the turbines during the winter. The penstocks were completed. The reservoir dike was under construction.

Thermal-Electric Stations

Four thermal-electric stations, including two nuclear-electric stations, were under construction, and engineering is proceeding for a fifth, which will be the first oil-fired station of the Commission. Two units were placed in service at Lambton Generating Station, near Sarnia, in 1969, one in April and the other in October. Work on the other two units now scheduled for service in 1970 is progressing satisfactorily. By the end of 1969, the boiler for Unit 3 had been fired and the commissioning of auxiliary systems was under way.

At Pickering Generating Station, most of the permanent mechanical and electrical equipment for Unit 1 had been delivered, and the installation of the reactor, turbine-generator, and allied systems was well advanced by the end of the year. Deliveries of fuel bundles for the initial charge were made during the year. All major civil construction work was completed for the first two units, and was proceeding for Units 3 and 4. With the station superintendent and operating staff established in their permanent quarters at the station, commissioning of systems and equipment for Unit 1 was begun.

**Summary of the Power Development Program
as at December 31, 1969**

<i>Development</i>	<i>Number of Units</i>				<i>Installed Capacity</i>	<i>Estimated Cost</i>
	<i>In Service</i>	<i>Scheduled for Service</i>				
					kw	\$
Lambton—south of Sarnia.....	2 TC	1969	2 TC	1970	2,000,000	255,340,000
Pickering—east of Toronto.....	{		4 TN	1971–1973	2,160,000	662,000,000
Lower Notch—Montreal River...			6 TCT	1971–1973	45,000	
Nanticoke—Lake Erie near Port Dover.....			2 H	1971	228,000	69,312,000
Lennox—west of Kingston.....			4 TC	1971–1974	2,000,000	340,000,000
Bruce—near Kincardine.....	{		4 TC	1974–1977	2,295,000	*303,013,000
Wells—Mississagi River.....			4 TN	1975–1978	3,200,000	*944,000,000
				Auxiliary TCT	x45,000	
			2 H	1970	203,300	28,884,000

x Tentative capacity.

H—Hydro-electric.

TN, TC, TCT—Thermal-electric nuclear, conventional, and combustion-turbine respectively.

³These costs do not include an allowance for estimated escalation during the period of construction.

Work was under way at the end of the year for the preparation of the site for Bruce Generating Station to the north of Douglas Point Nuclear Power Station near Kincardine.

At Nanticoke Generating Station, near Port Dover, the boiler house and the service bay for the first unit were ready for the commencement of boiler erection, scheduled for January 1970. The 650-foot concrete stack shell was completed in September. Work on the slip dock, forebay, outfall channel, and ash lagoon was well advanced. The cooling-water intake tunnel, on which work began in September, is scheduled for completion in August 1970. The first unit is scheduled to receive steam late in 1971.

Following survey work, geological investigations, and environmental studies, site layout studies for Lennox Generating Station were completed and the location of the powerhouse was established. The turbine-generators had been ordered, and tenders for the oil-fired boiler were being evaluated at the year end. General engineering work was proceeding.

TRANSFORMER STATIONS AND TRANSMISSION LINES

The 500-kv facilities were expanded in 1969 by the placing in service of the new Porcupine Transformer Station, a 500—115-kv station near Timmins, and by the addition of the third 500 — 230-kv, 360,000-kva, 3-phase autotransformer at Kleinburg Transformer Station. Sites are being obtained as required for the extension of the high-voltage network between Toronto and Hamilton.

Expenditures on Capital Construction, 1960-1969

	Genera- tion	Transfor- mation	Trans- mission	Retail Distribu- tion	Other	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
1960.....	82,506	16,624	12,230	18,120	2,559	132,039
1961.....	77,939	10,693	11,446	18,954	4,624	123,656
1962.....	59,741	11,754	21,118	18,102	3,709	114,424
1963.....	49,301	12,109	22,391	18,073	6,283	108,157
1964.....	55,908	16,775	16,250	18,623	2,565	110,121
1965.....	90,420	18,734	19,727	18,066	3,004	149,951
1966.....	131,900	22,593	21,607	20,256	*14,908	211,264
1967.....	154,889	30,128	26,774	22,280	*18,075	252,146
1968.....	192,772	38,270	53,439	23,276	*21,583	329,340
1969.....	273,082	62,507	60,128	28,567	*22,411	446,695
Total.....	1,168,458	240,187	265,110	204,317	99,721	1,977,793

*These figures include investment in tools and equipment, now classified as fixed assets but shown in previous years as current assets.

Three new transformer stations on the 230-kv network were placed in service in 1969, Windsor-Lauzon Transformer Station, Agincourt Transformer Station, and St. Isidore Transformer Station, and additional capacity was placed in service at eight other stations. During 1970, equipment installation will be completed at four transformer stations associated with the tie-line between the East and West Systems. Property acquisition and clearing are under way for stations on the 230-kv Manitoba-Ontario interconnection now under construction.

On the 115-kv network, additional capacity was placed in service at ten stations, three in the Toronto area.

Transmission lines in service were extended by the net addition of 129 circuit miles during 1969 to reach a total of 20,037 circuit miles at the end of the year.

SECTION V

RESEARCH AND TESTING ACTIVITIES

The Commission's research and testing activities involve studies of a wide variety of problems related to the design, construction, operation, and maintenance of the power system, and to the efficient use of electricity.

Of particular importance in 1969 was the initiation of a concentrated program for improving the appearance of overhead transmission lines and making more economical use of rights of way. These objectives are likely to be achieved chiefly through the introduction of new materials and new design criteria which, by lowering requirements for insulation and conductor clearances, will reduce tower dimensions.

Studies of air pollution and its control were intensified in 1969 and integrated into a co-ordinated research program. A comprehensive review was made of work now under way in the United States and elsewhere on the development of processes for the removal of sulphur dioxide from the flue gases of large thermal-electric stations. The review indicated that none of these processes has yet been developed to a stage where its effectiveness and economy would warrant large-scale application. The dry limestone injection process, however, shows good possibilities, and Ontario Hydro has analysed selected limestones from Ontario quarries to determine their suitability for this use. Plans are under way for a full-scale trial of the process. The Commission is also investigating wet-scrubbing and electrical processes for removing sulphur dioxide from flue gases. Processes that were under consideration for removing the sulphur from coal before combustion now show little likelihood of successful further development.

The Commission in 1969 entered into a co-operative arrangement with a number of electrical utilities in the United States to provide financial support for a program of flue-gas desulphurization research now being carried out jointly by two large companies with special interests in this field. The process under development uses a dry sorbent material to remove sulphur dioxide from the flue gases and then release it to a recovery plant. The process is sufficiently promising that a pilot plant is expected to be installed and operating on the system of one of the co-operating utilities by 1973.

SECTION VI

STAFF RELATIONS

The average number of employees on the staff during 1969 was 21,686 in total, including 14,713 regular and 6,973 temporary employees, the latter for the most part engaged on construction projects.

Manpower Resources and Development

The steadily rising demand for accommodation at the Conference and Development Centre, near Orangeville, since its opening in January 1968, prompted the Commission in March 1969 to proceed with the expansion of the Centre. Construction began in the early autumn, and the expanded facilities, when completed late in 1970, will have about twice their original capacity, a total of 205 bedrooms and 28 training areas, including trades shops and technical laboratories, as well as conference and group-study rooms. In the meantime, supplementary residential accommodation is being obtained in motels in the area adjacent to the Centre, and alternative training facilities are being provided as required in other localities, one of the more significant being the Centre established at Nobel, north of Parry Sound, in the spring of 1969 for the training of line-construction forces.

In 1969 the Commission undertook supervisory and linemen training on behalf of municipal utilities. Three supervisory courses and two linemen courses were held. It is expected that these programs will be expanded in the future.

Courses representing approximately 600 man-weeks of training were given to management and supervisory staff. Approximately 25 per cent of these courses were designed for specific units in the Commission's organization, 25 per cent were for the supervisory staff and employees of the municipal utilities, and 50 per cent were generally available to interested Hydro management staff.

Training and upgrading of tradesmen and supervisory employees already on the staff continue at a high level, as well as developmental training for newly engaged employees, in order to meet the high technical requirements of the organization today. The necessity of this type of training is beyond question, but increasing attention is now being directed towards the evaluation of its cost and effectiveness.

During the year research was undertaken to develop and test new methods for the selection of area office supervisors and nuclear trades personnel. In addition considerable concerted effort in 1969 was invested in designing and testing some new methods aimed at the early identification of those employees who show promise as possible managers, to be followed by their development in accordance with such individual needs as are disclosed, first by an objective analysis of their job performance, and second by their response to simulated management situations.

In meeting its requirements for technical staff, the Commission undertook in 1969 to employ technologists for much of the work previously performed only by engineers. As these graduates of the colleges of applied arts and technology become increasingly available, this policy will be expanded.

Labour Relations

On March 10, 1969, a new agreement was signed with the 9,600-member Ontario Hydro Employees Union, Local 1000 of the Canadian Union of Public Employees, following thirteen months of bargaining, resort to conciliation procedures, and in the end concerted pressure by the union in the form of work-to-rule tactics, refusal of overtime work, and a so-called rotating strike. The publication of the 1968 Annual Report somewhat later in the year permitted reference to this settlement, as well as to other negotiations still pending, as delayed 1968 activity. The labour relations climate then prevailing remained relatively unchanged throughout 1969. Subsequent to this settlement, formal bargaining on the union's request for broad improvement in the pension plan terminated in the submission of this item for conciliation, where it was still under review at the end of the year.

The OHEU settlement in March also called for a joint examination of the feasibility of a plan for the evaluation of trades jobs. The chairman of the joint study which was undertaken reported in December advising that such a plan was not appropriate.

Resolution of most OHEU grievance disputes was achieved under the regular provisions of the collective agreement. The issue of two grievances, however, is still not settled. One questioned the Commission's decision to remit to the employees a portion of the premium contributions which have been based, in part, on the former private medical plan. These contributions exceed the premium requirements of the provincially administered Ontario Health Services Insurance Plan. This was still awaiting the decision of the arbitrator at the end of the year. The second is the precedent established by the Ontario Labour Relations Board in sustaining the union's position that employees suspended for refusing to work overtime during the period of the rotating strike were in fact being subjected to discrimination because of their union activity. The Commission has taken this judgment to the Court of Appeal for further consideration.

Agreement was reached also in March 1969 with the Canadian Union of Operating Engineers, extending to the 440 operating and trades employees at J. Clark Keith Generating Station and Richard L. Hearn Generating Station terms comparable to those established for the OHEU agreement.

During 1968, the Canadian Union of Operating Engineers had applied for certification as bargaining agent for 400 operators and tradesmen then represented by the OHEU. Following a vote directed by the Ontario Labour Relations Board in 1969, these employees chose to remain in the OHEU.

In its protracted negotiations with the Allied Construction Council, Ontario Hydro continued to withstand renewed pressure by the unions on those items which on principle it had been unwilling to concede in negotiations that led to the construction strike in 1967. These items were the closed shop, union control over employment procedures and product usage, union membership for foremen, and the method for dealing with jurisdictional disputes. The number of unions represented by the Council, which had been as high as 18 at the time of its formation, and had declined to ten in 1968, further declined to eight in 1969 with the withdrawal of the Bricklayers', Masons', and Plasterers' International Union and the International Brotherhood of Electrical Workers. At the end of 1969, the Electrical Workers were still bargaining for a separate agreement. The agreement reached with the Allied Construction Council in March was signed in August for a two-year period ending in July 1970, and separate agreements were negotiated with four other unions representing employees in construction activities — The Hotel, Restaurant, and Bartenders' International Union and the three unions respectively representing office workers, carpenters, and pipefitters.

During the first 11 months of 1969, there were 14 strikes either by Commission employees or by employees of contractors at major construction sites, almost all of them illegal strikes under the laws of the province. Many of these work stoppages, for the most part only for short periods of up to five days, were the result of inter-union rivalry over job jurisdiction. As one means of bringing this type of irresponsible behaviour under control, the Commission applied to the Ontario Labour

Relations Board for permission to prosecute a group engaged in an illegal strike at Pickering Generating Station. With the consent of the Board, this was undertaken.

The growing strength of unions in the construction industry has led employers to recognize the need for co-operation on their part in the collective bargaining process. A leading role in this development has now been taken by the Ontario Federation of Construction Associations. The Commission is represented on the Association's Labour Bureau and on its Executive Council.

Medical Services

The medical program is increasingly directed towards the solution of problems arising from hazards in the work environment, and is subject to continuous expansion in the complex power utility industry today.

Lectures and discussions on dust inhalation and the prevention of asbestosis have been given to thermal-electric-station employees. More intensive training in first aid has been given at these stations, bringing the qualification of some employees up to St. John Ambulance certificate level and qualifying others as instructors. A staff physician visits each of the two large thermal-electric stations in the Toronto area for a half day each week in order to deal with medical problems and to become familiar with environment health situations.

Encouraging progress is being made in the effort to identify persons affected by problem drinking and alcoholism, and in the treatment of these employees at a new industrial clinic, which is being operated by the Alcoholism and Drug Addiction Research Foundation. In other situations where employees find their capacity to meet the physical, mental, or emotional demands of their work affected by partial or serious disability, the procedures and policies for dealing with these problems are being developed and refined.

Protection against radiation is an important aspect of nuclear-station operation, and every effort is being directed not only to keeping courses of instruction up to date, but also to developing adequate numbers of instructors to meet the increasing demands now falling on the staff of health physicists.

A radiological bio-assay service is being established at the Nuclear Power Demonstration station for the measurement of biological effects of radio-nuclides on the human body. A control service is planned for Pickering Generating Station for the measurement of radioactive dose, whether caused by external sources or by absorption of radioactive elements in the body.

Accident Prevention

While the disabling injury frequency rate for the entire staff rose in 1969 to 12 per million man-hours worked as compared with 11 in 1968, improvement in this rate was achieved by two of the larger employee groups — Services, and Regions — the latter to a new low of 5.5. A rise in the severity rate from 900 to 1200

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

PENSION AND INSURANCE FUND

STATEMENT OF ASSETS
as at December 31, 1969

Investments

Bonds and stocks—	\$
Federal and Provincial government and government-guaranteed bonds (par value \$162,021,000).....	156,722,251
Corporation bonds (par value \$38,775,000).....	38,688,546
Stocks.....	56,980,022
Total bonds and stocks (approximate market value \$208,687,000).....	252,390,819
First mortgages on real estate.....	24,160,969
Real property leased to others.....	372,525
Total investments.....	276,924,313
Cash.....	236,273
Accrued interest.....	2,802,729
Receivable from The Hydro-Electric Power Commission of Ontario.....	3,269,396
	<u>283,232,711</u>

NOTES

1. The most recent actuarial valuation of the pension plan was made as at December 31, 1968, in compliance with the requirements of The Pension Benefits Act 1965. This valuation indicated that the plan had an unfunded liability of approximately \$13,700,000. Current contributions have been made on a basis sufficient to meet actuarial requirements, and include an amount sufficient to recover this deficiency within the period of time required by The Pension Benefits Act 1965.
2. In the above statement, bonds are included at amortized cost, stocks at cost, first mortgages on real estate at balance of principal outstanding, and real property at cost less amortization.

AUDITORS' REPORT

We have examined the statement of assets of The Hydro-Electric Power Commission of Ontario Pension and Insurance Fund as at December 31, 1969. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion the accompanying statement presents fairly the assets of the fund as at December 31, 1969.

Toronto, Canada,
April 3, 1970.

CLARKSON, GORDON & CO.
Chartered Accountants.

reflects the regrettable fact that five employees lost their lives through fatal accidents in 1969, three from electrical contacts and two from falls. The motor vehicle accident frequency rate also increased in 1969 to 11 accidents per million miles driven from 9 in 1968.

Ontario Hydro's accident prevention objectives and the responsibilities of employees and management at various levels were clearly delineated in a new accident prevention policy recently issued. Accident prevention effort is constantly promoted through line management, and through regular training, both at the supervisory and at the tradesman level.

Pension and Insurance Fund

The Pension and Insurance Fund is administered by the Commission in trust on behalf of participants in the Plan, whose benefits are protected under The Pension Benefits Act 1965. The Commission's Pension Plan is now integrated with the Canada Pension Plan, and the employee's contribution for pension benefits is fixed at 5 per cent of gross base pay. Only that part of the employee's contribution which exceeds his premium requirements under the Canada Pension Plan is retained in the Pension Fund. The Commission in its turn, after meeting its obligations under the Canada Pension Plan, undertakes to make further contributions to the Pension Fund sufficient to maintain the Fund's adequacy to meet all actuarial requirements, and also underwrites the entire cost for the administration of the Fund. Since the enactment of The Pension Benefits Act, and even prior thereto, evaluations of the Fund by an independent actuary have been the basis for establishing the level of contribution required of the Commission. In these evaluations, now made under the regulations established by the Act, due recognition is given to changes in benefits established both for active and for retired employees.

APPENDIX I—OPERATIONS

The table of power resources and requirements on pages 46 and 47 gives for each system and in total the primary peak requirements for the month of December, and the dependable capacity of the Commission's resources at that time. A separate table on the two preceding pages gives the December dependable capacity and maximum output of the major Commission-owned stations and the major sources of purchased power. In any comparison of total requirements and resources, allowance should be made for that part of total requirements which may be interrupted over the peak period in accordance with contract terms accepted by the customer. In 1968 this was in the order of 316 megawatts.

The dependable capacity of a hydro-electric generating station is the estimated output which an analysis of historical stream-flow conditions indicates the station is capable of producing 98 per cent of the time. It can be expected to exceed this output in 49 out of 50 years. Since the stations so rated are distributed on many widely separated watersheds, and since all would not be simultaneously affected by low stream flows, the total hydro-electric generating capacity of the system is estimated to be greater than the sum of the various station capacities by an allowance for this diversity. The dependable peak capacity of a thermal-electric station is the net output of its fully commissioned units, but units in a fairly advanced stage of commissioning are occasionally included at a conservatively estimated proportion of their rated capacity. In any event, the margin of reserve capacity is conservatively measured both in the calculation of requirements and in the calculation of capacity.

Statistics on peak loads and capacities are given in the Report in kilowatts, but they may be conveniently converted to horsepower on the basis that one horsepower is equivalent to approximately 0.746 kilowatts.

The Analysis of Energy Sales on pages 48 and 49 shows how the kilowatt-hours made available by the Commission and the associated municipal utilities were distributed to the various classes of ultimate customers or to interconnected systems. The table on Disposal of Energy by the Commission reconciles these figures with system primary energy requirements and the total energy generated and purchased by the Commission.

THE COMMISSION'S POWER RESOURCES—1969

		Dependable Capacity*	Maximum Output*	Annual Energy Output (Net)†
		kw	kw	kwh
East System				
<i>River</i>	<i>Hydro-Electric Generating Stations</i>			
Niagara	††Sir Adam Beck—Niagara No. 1.....	420,000	428,000	3,117,552,080
	Sir Adam Beck—Niagara No. 2.....	1,287,000	1,245,000	8,972,682,400
	Pumping—Generating Station.....	108,000	130,000	122,829,900
	**Ontario Power.....		100,000	552,615,000
	**Toronto Power.....		37,000	184,017,250
Welland Canal	DeCew Falls No. 1.....	31,000	31,500	154,315,840
	DeCew Falls No. 2.....	124,000	138,000	911,814,400
	Adjustment to Niagara River stations to compensate for use of water by Ontario Hydro rather than by another producer..	75,000		
St. Lawrence	Robert H. Saunders—St. Lawrence.....	817,000	866,000	6,925,687,000
Ottawa	Des Joachims.....	371,000	377,000	2,394,622,200
	Otto Holden.....	193,000	216,000	1,213,984,700
	Chenau.....	115,000	119,000	755,940,000
	Chats Falls (Ontario half).....	77,000	84,000	539,908,200
Madawaska	Mountain Chute.....	165,000	166,000	316,055,500
	Barrett Chute.....	159,000	172,000	320,039,000
	Stewartville.....	162,000	167,000	276,973,900
Abitibi	††Abitibi Canyon.....	226,000	226,000	1,329,110,500
	Otter Rapids.....	177,000	178,500	881,458,000
Mississagi	Aubrey Falls.....	146,000	163,000	32,627,100
	George W. Rayner.....	46,000	46,500	313,219,960
	Red Rock Falls.....	40,000	40,220	203,986,000
Mattagami	Kipling.....	142,000	144,000	735,558,500
	Little Long.....	125,000	134,000	580,574,300
	Harmon.....	125,000	137,500	726,661,300
Various	Other hydro-electric generating stations.....	150,600	149,105	949,634,938
	Diversity—Adjustment to compensate for difference between the calculation of capacity on an individual plant basis and for the system as a whole.....	41,400		
	Total hydro-electric—East System.....	5,173,000		32,266,208,168
<i>Location</i>	<i>Thermal-Electric Generating Stations</i>			
Courtright	Lambton.....	537,000	1,000,000	1,265,208,900
Windsor	J. Clark Keith.....	259,000	245,000	967,296,100
Toronto	Lakeview.....	2,318,000	2,265,000	11,328,881,000
	Richard L. Hearn.....	1,193,000	1,041,000	5,005,824,700
Rolphton	Nuclear Power Demonstration.....		23,100	82,268,000
	Combustion turbines.....	321,000	259,400	132,722,180
	Total thermal-electric—East System.....	4,628,000		18,782,200,880
	Total generated—East System.....	9,801,000		51,048,409,048

THE COMMISSION'S POWER RESOURCES—1969

		Dependable Capacity*	Maximum Output*	Annual Energy Output (Net)†
		kw	kw	kwh
East System—Continued				
<i>Sources of Purchased Power</i>				
Atomic Energy of Canada Limited—Douglas Point		208,000	150,000	411,496,675
Detroit Edison Company			450,000	982,983,800
††Niagara Mohawk Power Corporation			414,000	474,922,000
**Canadian Niagara Power Company			31,000	13,026,000
Power Authority of the State of New York			350,000	774,815,000
††Quebec Hydro-Electric Commission		348,000	581,400	3,036,639,360
MacLaren Quebec Power Company		93,000	107,000	579,742,000
Ottawa Valley Power Company		77,000	84,000	541,342,800
††Abitibi Paper Company Limited			41,300	52,884,528
Great Lakes Power Corporation Limited		3,800	4,218	18,336,777
Miscellaneous (relatively small suppliers)		1,500	35,300	15,403,240
Total purchased—East System		731,300		6,901,592,180
West System				
<i>River</i>	<i>Hydro-Electric Generating Stations</i>			
Nipigon	Pine Portage	115,200	136,000	853,184,000
	Cameron Falls	76,400	78,000	600,124,000
	Alexander	62,000	64,500	486,138,000
English	Caribou Falls	75,700	76,500	607,311,200
	Manitou Falls	60,000	67,200	511,102,600
Kaministiquia	Silver Falls	45,600	41,600	309,965,000
Winnipeg	Whitedog Falls	52,600	57,000	440,123,200
Aguasabon	Aguasabon	46,100	46,000	298,777,230
Various	Other hydro-electric generating stations	29,200	38,600	289,580,800
Diversity—Adjustment to compensate for difference between the calculation of capacity on an individual plant basis and for the system as a whole		17,700		
Total hydro-electric—West System		580,500		4,396,306,030
<i>Location</i>	<i>Thermal-Electric Generating Stations</i>			
Thunder Bay	Thunder Bay	100,000	61,000	87,855,000
Various	Combustion turbines and diesel-electric	29,000	20,300	1,297,200
Total thermal-electric—West System		129,000		89,152,200
Total generated—West System		709,500		4,485,458,230
<i>Sources of Purchased Power</i>				
Manitoba Hydro-Electric Board			7,500	12,145,639
Ontario Minnesota Pulp and Paper Company Limited			10,000	1,204,000
Total purchased—West System				13,349,639
Total generated		10 510,500		55,533,867,278
Total purchased		731,300		6 914,941,819
Total generated and purchased		11,241,800		62,448,809,097

* The power capacity and output reported in this table are the 20-minute peaks for the month of December. Since the various maximum outputs do not coincide, their sum is not the peak load of the system.

† Net output of generating stations or total received from supplier.

* 25 cycles per second.

† 25 and 60 cycles per second.

POWER RESOURCES AND REQUIREMENTS

	EAST SYSTEM			
	1968 kw	1969 kw	Net Increase kw	%
Dependable Peak Capacity				
Generated—Hydro-electric.....	4,931,000	5,173,000	242,000	4.9
Thermal-electric.....	3,974,000	4,628,000	654,000	16.5
Total generated.....	8,905,000	9,801,000	896,000	10.1
Purchased.....	723,600	731,300	7,700	1.1
Total generated and purchased.....	9,628,600	10,532,300	903,700	9.4
Reserve or <i>Deficiency</i>	241,164	607,829	366,665	152.0
*Primary Power Requirements.....	9,387,436	9,924,471	537,035	5.7
Ratio of Reserve or <i>Deficiency</i> to Requirements %.....	2.6	6.1	.....	...

ENERGY MADE AVAILABLE BY THE COMMISSION

	1968		1969		Increase or Decrease
	kwh		kwh		per cent
EAST SYSTEM					
Generated (net)					
Hydro-electric.....	31,043,429,325		32,266,208,168		3.9
Thermal-electric and combustion-turbine....	15,748,539,400		18,782,200,880		19.5
Total generated.....	46,791,968,725		51,048,409,048		9.1
Purchased.....	7,684,837,789		6,901,592,180		10.2
Transferred in or out.....			1,850,000		
Primary.....	51,772,542,570		55,081,675,744		6.4
Secondary.....	2,704,263,944		2,866,475,484		6.0
Total.....	54,476,806,514	54,476,806,514	57,948,151,228	57,948,151,228	6.4
WEST SYSTEM					
Generated (net)					
Hydro-electric.....	4,028,625,815		4,396,306,030		9.1
Thermal-electric, combustion-turbine, and diesel-electric.....	112,226,173		89,152,200		20.6
Total generated.....	4,140,851,988		4,485,458,230		8.3
Purchased.....	75,841,623		13,349,639		82.4
Transferred in or out.....			1,850,000		
Primary.....	4,016,781,128		4,343,833,450		8.1
Secondary.....	199,912,483		156,824,419		21.6
Total.....	4,216,693,611	4,216,693,611	4,500,657,869	4,500,657,869	6.7
TOTAL					
Generated (net)					
Hydro-electric.....	35,072,055,140		36,662,514,198		4.5
Thermal-electric, combustion-turbine and diesel-electric.....	15,860,765,573		18,871,353,080		19.0
Total generated.....	50,932,820,713		55,533,867,278		9.0
Purchased.....	7,760,679,412		6,914,941,819		10.9
Primary.....	55,789,323,698		59,425,509,194		6.5
Secondary.....	2,904,176,427		3,023,299,903		4.1
Total.....	58,693,500,125	58,693,500,125	62,448,809,097	62,448,809,097	6.4

—DECEMBER 1968 AND 1969

WEST SYSTEM				TOTAL			
1968 kw	1969 kw	Net Increase kw	%	1968 kw	1969 kw	Net Increase kw	%
580,500	580,500	.....	...	5,511,500	5,753,500	242,000	4.4
129,000	129,000	.....	...	4,103,000	4,757,000	654,000	15.9
709,500	709,500	.....	...	9,614,500	10,510,500	896,000	9.3
.....	.....	.....	...	723,600	731,300	7,700	1.1
709,500	709,500	.....	...	10,338,100	11,241,800	903,700	8.7
102,560	78,620	23,940	23.3	.....	.....	.....	...
606,940	630,880	23,940	3.9	9,994,376	10,555,351	560,975	5.6
16.9	12.5	.....	...	.....	.....	.....	...

* The capacities shown are those available for a 20-minute period at the times of system primary peak demand in December, the capacity of purchased power sources being based on the terms of the purchased contract. Requirements shown are the December coincident peaks for each system and their arithmetical sum. Some part of East System requirements is subject to interruption over the peak period in accordance with contract terms accepted by customers, the total possible load subject to interruption at the time of the 1969 peak being 316,000 kw.

DISPOSAL OF ENERGY BY THE COMMISSION
1969

	PRIMARY	SECONDARY	TOTAL
Sales to Municipalities.....	36,126,529,150x	.....	36,126,529,150
Sales to Direct Customers.....	12,161,834,643	96,827,432	12,258,662,075
—Interconnected Systems.....	224,361,109x	2,869,089,214	3,093,450,323
	48,512,724,902	2,965,916,646	51,478,641,548
Retail Sales			
In Towns and Villages.....	272,889,371	.....	272,889,371
In Rural Areas.....	5,956,936,100	.....	5,956,936,100
To Special Customers.....	648,749,561	13,945,977	662,695,538
—Interconnected Systems.....	42,186,015x	.....	42,186,015
	6,920,761,047	13,945,977	6,934,707,024
Total Commission Sales.....	55,433,485,949	2,979,862,623	58,413,348,572
Distribution Losses and Unaccounted for.....	470,287,649	.....	470,287,649
Transmission Losses and Unaccounted for.....	3,521,735,596*	43,437,280*	3,565,172,876
Total Primary Demand and Secondary Load Carried..	59,425,509,194	3,023,299,903	62,448,809,097

*The apportioning of transmission losses to primary and secondary loads is estimated.

xThe three quantities of primary energy thus indicated amounting in total to 36,393,076,274 kwh were delivered for resale.

ENERGY SALES

Municipal Electrical Utilities during 1969

SALES BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO				
To Retail Customers				
In Certain Towns and Villages Served by Commission Distribution Facilities	In Rural Areas	Special*		
kwh	kwh	kwh	kwh	Total
160,486,155	2,269,511,600	.....	.....	14,350,726,100
.....	208,120,000	.....	.....	208,120,000
160,486,155	2,477,631,600	.....	.....	14,558,846,100
88,155,228	643,275,400	.....	.....	8,771,212,224
20,138,738	1,319,541,500	648,749,561	12,161,834,643	28,953,225,568
.....	.....	13,945,977	96,827,432	110,773,409
.....	1,490,465,400	.....	.....	1,490,465,400
4,109,250	26,022,200	.....	.....	457,610,886
.....	.....	42,186,015	224,361,109	266,547,124
.....	.....	.....	2,869,089,214	2,869,089,214
272,889,371	5,956,936,100	704,881,553	15,352,112,398	57,477,769,925
.....	.....	.....	.....	1,207,392,667
.....	.....	.....	.....	227,181,220
.....	.....	.....	.....	44,632,800
272,889,371	5,956,936,100	704,881,553	15,352,112,398	58,413,348,572
16,999,716	453,287,933	.....	.....	470,287,649
.....	.....	.....	.....	3,565,172,876
.....	.....	.....	.....	62,448,809,097

TOTAL MILEAGE OF TRANSMISSION LINES AND CIRCUITS
at December 31, 1969

Voltage and Structure	Line Route Miles		Circuit Miles	
	At Dec. 31, 1968	At Dec. 31, 1969	At Dec. 31, 1968	At Dec. 31, 1969
EAST SYSTEM				
500,000-volt Aluminum.....	76.01	76.01	76.01	76.01
500,000-volt Steel Tower.....	359.51	359.51	359.51	359.51
345,000-volt Steel Tower.....	2.50	2.50	2.50	2.50
230,000-volt Steel Tower.....	3,484.48	3,490.10	4,730.54	4,741.64
230,000-volt Wood Pole.....	252.01	345.04	252.01	345.04
230,000-volt Underground.....	1.94	1.94	3.88	3.88
115,000-volt Steel Tower.....	1,918.34	1,826.86	3,221.62	3,061.53
115,000-volt Wood Pole.....	1,831.52	1,841.62	1,842.74	1,853.93
115,000-volt Underground.....	41.78	41.78	77.25	77.25
60,000-volt Steel Tower.....	2.20	2.20	2.20	2.20
60,000-volt Wood Pole.....	6.15	6.15	6.15	6.15
44,000-volt and less, Wood, Steel and Underground.....	6,364.45	6,535.61	6,832.31	7,014.22
Total East System.....	14,340.89	14,529.32	17,406.72	17,543.86
WEST SYSTEM				
230,000-volt Steel Tower.....	104.60	104.60	209.20	209.20
115,000-volt Steel Tower.....	424.15	424.15	628.05	628.05
115,000-volt Wood Pole.....	917.32	917.32	917.32	917.32
69,000-volt Wood Pole.....	203.72	203.72	203.72	203.72
44,000-volt and less, Wood and Steel..	501.54	494.75	542.89	535.20
Total West System.....	2,151.33	2,144.54	2,501.18	2,493.49
Total East and West Systems.....	16,492.22	16,673.86	19,907.90	20,037.35

APPENDIX II—FINANCIAL

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**FIXED
for the Year Ended**

	IN		
	Changes		
	Balance December 31, 1968	Placed in Service	Relocated and Reclassified
	\$	\$	\$
Power Supply Facilities			
GENERATING STATIONS			
Thermal-electric—			
Conventional.....	490,813,807	84,254,534	203
Nuclear.....	4,437,144	47,898	89,752
Combustion-turbine.....	37,555,668	427,121	.....
Total Thermal-electric.....	532,806,619	84,729,553	89,955
Hydro-electric.....	1,419,011,475	53,072,670	18,598
Total Generating Stations.....	1,951,818,094	137,802,223	71,357
TRANSFORMER STATIONS.....	373,891,157	52,811,704	48,123
TRANSMISSION LINES.....	399,348,158	52,319,300	15,688
COMMUNICATION EQUIPMENT.....	14,069,380	6,243,369	1,190
RETAIL DISTRIBUTION PLANT AND EQUIPMENT.....	371,821,918	27,265,199	39,047
Total Power Supply Facilities.....	3,110,948,707	276,441,795	1,065
Administrative and Service Land, Buildings, and Equipment			
LAND AND BUILDINGS.....	40,945,469	1,178,792	.....
OFFICE AND SERVICE EQUIPMENT.....	76,430,376	11,661,361	1,065
Total Administrative and Service Land, Buildings, and Equipment.....	117,375,845	12,840,153	1,065
TOTAL FIXED ASSETS.....	3,228,324,552	289,281,948	.....

ASSETS

December 31, 1969

SERVICE		UNDER CONSTRUCTION DECEMBER 31, 1969	TOTAL FIXED ASSETS DECEMBER 31, 1969	EXPENDITURES DURING 1969
during Year	Balance December 31, 1969			
Retired				
\$	\$	\$	\$	\$
28,805	575,039,333	214,137,079	789,176,412	118,062,527
.....	4,395,290	182,213,552	186,608,842	98,921,805
.....	37,982,789	325,827	38,308,616	593,271
28,805	617,417,412	396,676,458	1,014,093,870	217,577,603
3,816,056	1,468,286,687	68,452,227	1,536,738,914	55,503,929
3,844,861	2,085,704,099	465,128,685	2,550,832,784	273,081,532
2,263,911	424,487,073	46,962,915	471,449,988	62,507,465
982,425	450,669,345	67,948,736	518,618,081	60,128,231
764,563	19,546,996	6,873,921	26,420,917	8,438,147
4,935,457	394,190,707	5,120,116	399,310,823	28,567,420
12,791,217	3,374,598,220	592,034,373	3,966,632,593	432,722,795
152,495	41,971,766	6,020,964	47,992,730	2,311,244
4,366,933	83,725,869	.....	83,725,869	11,661,361
4,519,428	125,697,635	6,020,964	131,718,599	13,972,605
17,310,645	3,500,295,855	598,055,337	4,098,351,192	446,695,400

Disposition of Fixed Assets Retired during 1969

Cost of fixed assets retired.....		\$17,310,645
Deduct:		
Proceeds from sales.....	\$3,070,367	
Charges to operations.....	276,702	
Charges to plant under construction.....	140,397	3,487,466
Net charge to accumulated depreciation.....		\$13,823,179

ACCUMULATED DEPRECIATION
for the Year Ended December 31, 1969

	POWER SUPPLY FACILITIES		ADMINISTRATIVE AND SERVICE BUILDINGS AND EQUIPMENT	TOTAL
	Generation, Transformation, Transmission, and Communications	Retail Distribution		
	\$	\$	\$	\$
Balances at December 31, 1968.....	426,686,070	116,518,732	45,656,237	588,861,039
Add:				
Provision in the year				
Charged directly to				
operations.....	44,367,321	14,056,556	.....	58,423,877
Charged to various				
overhead accounts...	21,158	.....	8,757,777	8,778,935
Transfers.....	360,136	33,266	326,870	.....
Excess of salvage recover-				
ies over removal				
costs on assets retired	299,415	30,109	3,141	326,383
Other adjustments.....	655,304	145,061	.....	800,365
	471,669,132	130,783,724	54,737,743	657,190,599
Deduct:				
Cost of fixed assets re-				
tired, less proceeds				
from sales	5,408,654	4,798,198	3,616,327	13,823,179
Balances at December 31, 1969.....	466,260,478	125,985,526	51,121,416	643,367,420

FREQUENCY STANDARDIZATION ACCOUNT
for the Year Ended December 31, 1969

	\$
Balance at December 31, 1968.....	97,555,519
Add interest for the year.....	3,549,543
	101,105,062
Deduct amortization charged to cost of power.....	18,472,331
Balance at December 31, 1969.....	82,632,731

BONDS PAYABLE IN CANADIAN CURRENCY
as at December 31, 1969

Guaranteed as to Principal and Interest by the Province of Ontario

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding Dec. 31, 1969
			$\frac{\text{¢}}{\text{¢}}$	\$
Jan. 1, 1970	.....	Jan. 1, 1930	$4\frac{3}{4}$	6,789,500
Feb. 15, 1970	.....	Feb. 15, 1960	6	13,259,500
Apr. 1, 1970	Apr. 1, 1968	Apr. 1, 1950	3	51,497,000
June 15, 1970	.....	June 15, 1962	$4\frac{1}{2}$	10,199,000
July 15, 1970	.....	July 15, 1960	$5\frac{1}{4}$	4,502,500
Oct. 15, 1970	Oct. 15, 1969	Oct. 15, 1958	$4\frac{1}{2}$	4,512,000
Feb. 1, 1971	.....	Feb. 1, 1964	5	14,855,800
Feb. 15, 1971	.....	Feb. 15, 1961	$5\frac{1}{4}$	4,959,000
Mar. 1, 1971	.....	Mar. 1, 1963	5	13,255,000
June 1, 1971	June 1, 1961	June 1, 1946	$2\frac{3}{4}$	18,034,000
Nov. 15, 1971	.....	Nov. 15, 1961	$4\frac{3}{4}$	6,592,500
July 5, 1972	.....	July 5, 1967	6	14,839,000
Sept. 20, 1972	.....	Sept. 20, 1967	$6\frac{1}{2}$	11,950,000
Mar. 15, 1973	.....	Mar. 15, 1967	$5\frac{3}{4}$	10,974,500
June 15, 1973	June 15, 1971	June 15, 1950	3	54,300,000
Mar. 18, 1974	.....	Mar. 18, 1969	$7\frac{1}{2}$	20,000,000
July 15, 1974	July 15, 1972	July 15, 1956	4	46,723,500
Oct. 15, 1974	Oct. 15, 1972	Oct. 15, 1956	$4\frac{1}{2}$	24,698,500
Dec. 1, 1974	.....	Dec. 1, 1969	$8\frac{1}{2}$	20,000,000
Aug. 15, 1975	Feb. 15, 1972	Feb. 15, 1957	$4\frac{3}{4}$	32,956,000
Jan. 15, 1976	Jan. 15, 1974	Jan. 15, 1956	4	44,309,500
Oct. 1, 1976	.....	Oct. 1, 1969	$8\frac{1}{4}$	15,000,000
Nov. 15, 1976	Nov. 15, 1974	Nov. 15, 1957	5	34,776,000
Jan. 5, 1977	Jan. 5, 1975	Jan. 5, 1967	$6\frac{1}{4}$	14,960,000
Mar. 1, 1977	Mar. 1, 1975	Mar. 1, 1955	$3\frac{1}{2}$	38,481,000
Apr. 1, 1977	Apr. 1, 1974	Apr. 1, 1957	5	74,495,000
Mar. 1, 1978	Mar. 1, 1976	Mar. 1, 1958	$4\frac{1}{2}$	33,021,500
Oct. 15, 1978	Oct. 15, 1976	Oct. 15, 1958	5	46,220,500
May 15, 1979	May 15, 1974	May 15, 1954	$3\frac{1}{2}$	34,492,000
July 1, 1979	.....	July 1, 1959	$5\frac{3}{4}$	29,371,500
Oct. 15, 1979	Oct. 15, 1974	Oct. 15, 1954	$3\frac{1}{2}$	49,833,000
Feb. 15, 1980	Feb. 15, 1978	Feb. 15, 1960	6	26,652,000
July 15, 1980	July 15, 1978	July 15, 1960	$5\frac{1}{2}$	36,674,000
Feb. 15, 1981	Feb. 15, 1979	Feb. 15, 1961	$5\frac{1}{2}$	39,855,000
June 15, 1982	June 15, 1979	June 15, 1962	5	34,200,000
Mar. 1, 1983	Mar. 1, 1980	Mar. 1, 1963	$5\frac{1}{4}$	41,715,500
June 15, 1983	June 15, 1979	June 15, 1963	5	52,625,000
Nov. 15, 1983	Nov. 15, 1980	Nov. 15, 1961	$5\frac{1}{4}$	40,697,000
Feb. 1, 1984	Feb. 1, 1981	Feb. 1, 1964	$5\frac{1}{4}$	52,008,800
Oct. 1, 1984	Oct. 1, 1980	Oct. 1, 1964	$5\frac{1}{4}$	55,428,000
Feb. 1, 1985	Feb. 1, 1981	Feb. 1, 1965	$5\frac{1}{4}$	71,337,500
July 5, 1987	July 5, 1985	July 5, 1967	$6\frac{1}{4}$	24,632,000
Jan. 4, 1988	Jan. 4, 1984	Jan. 4, 1966	$5\frac{3}{4}$	51,399,000
Apr. 15, 1988	Apr. 15, 1984	Apr. 15, 1966	6	48,401,500
July 5, 1988	July 5, 1984	July 5, 1966	6	47,320,000
Jan. 5, 1989	Jan. 5, 1985	Jan. 5, 1967	$6\frac{1}{4}$	39,925,500
Sept. 20, 1989	Sept. 20, 1985	Sept. 20, 1967	$6\frac{1}{2}$	27,903,000
Mar. 15, 1990	Mar. 15, 1986	Mar. 15, 1967	6	46,558,000
Apr. 1, 1992	Apr. 1, 1988	Apr. 1, 1968	7	43,522,000
Aug. 15, 1992	Aug. 15, 1988	Aug. 15, 1968	7	48,843,000
Sept. 18, 1992	Sept. 18, 1988	Sept. 18, 1968	7	63,875,000
Mar. 18, 1994	Mar. 18, 1989	Mar. 18, 1969	$7\frac{3}{4}$	35,000,000
May 1, 1994	May 1, 1989	May 1, 1969	$7\frac{3}{4}$	38,935,000
Oct. 1, 1994	Oct. 1, 1989	Oct. 1, 1969	$8\frac{1}{4}$	25,000,000
Dec. 1, 1994	Dec. 1, 1989	Dec. 1, 1969	$8\frac{1}{2}$	30,000,000
Total bonds payable in Canadian currency				1,822,364,100

BONDS PAYABLE IN UNITED STATES CURRENCY
as at December 31, 1969

Held by the Province of Ontario and having terms identical with issues sold in the United States by the Province of Ontario on behalf of the Commission

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding Dec. 31, 1969
			%	\$
May 15, 1971	May 15, 1956	May 15, 1951	3 $\frac{1}{4}$	41,735,000
Sept. 1, 1972	Sept. 1, 1956	Sept. 1, 1951	3 $\frac{1}{4}$	40,985,000
Feb. 1, 1975	Feb. 1, 1958	Feb. 1, 1953	3 $\frac{1}{4}$	45,184,000
Nov. 1, 1978	Nov. 1, 1958	Nov. 1, 1953	3 $\frac{3}{8}$	47,503,000
Mar. 15, 1980	Mar. 15, 1959	Mar. 15, 1954	3 $\frac{1}{8}$	29,440,000
May 15, 1981	May 15, 1961	May 15, 1956	3 $\frac{7}{8}$	43,045,000
Feb. 1, 1984	Feb. 1, 1969	Feb. 1, 1959	4 $\frac{3}{4}$	70,915,000
Sept. 15, 1990	Sept. 15, 1975	Sept. 15, 1965	4 $\frac{3}{4}$	49,460,000
Apr. 1, 1996	Apr. 1, 1981	Apr. 1, 1966	5 $\frac{1}{2}$	34,465,000
Apr. 15, 1997	Apr. 15, 1982	Apr. 15, 1967	5 $\frac{5}{8}$	63,337,000
Dec. 1, 1997	Dec. 1, 1982	Dec. 1, 1967	6 $\frac{7}{8}$	74,980,000
Aug. 1, 1998	Aug. 1, 1983	Aug. 1, 1968	7 $\frac{1}{8}$	74,835,000
Feb. 15, 1999	Feb. 15, 1984	Feb. 15, 1969	7 $\frac{3}{8}$	75,000,000
Sept. 1, 1999	Sept. 1, 1984	Sept. 1, 1969	8 $\frac{3}{8}$	100,000,000
Add exchange premium (net) at time of conversion				790,884,000 35,240,530
Total bonds payable in United States currency				826,124,530

BONDS PAYABLE IN WEST GERMAN CURRENCY
as at December 31, 1969

Guaranteed as to Principal and Interest by the Province of Ontario

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding December 31, 1969	
			%	DM	\$
Aug. 1, 1975-1984 (ten equal annual instalments)	Aug. 1, 1975	Aug. 1, 1969	7	150,000,000	40,401,005

SUMMARY OF CHANGES IN BONDS PAYABLE
during the Year Ended December 31, 1969

	Payable in Canadian Currency	Payable in United States Currency	Payable in West German Currency
Outstanding at December 31, 1968 . . .	\$ 1,770,791,800	\$ 647,404,186	\$
Add issues during the year	185,000,000	188,359,375	40,401,005
Deduct redemptions during the year . .	1,955,791,800 133,427,700	835,763,561 9,639,031	40,401,005
Outstanding at December 31, 1969 . . .	1,822,364,100	826,124,530	40,401,005

**ADVANCES FROM THE PROVINCE OF ONTARIO
as at December 31, 1969**

*Annuity bonds repayable to the Province in accordance with the terms of Province
of Ontario bonds issued in part for the purposes of the Commission*

Date of Maturity	Interest Rate	Balances of Advances Outstanding December 31, 1969 (Payable in Canadian, United States, or Sterling Currencies)
May 15, 1970.....	$4\frac{1}{2}\%$	\$ 434,096
Jan. 15, 1970-1971.....	$4\frac{1}{2}\%$	581,412
June 1, 1970-1971.....	4	791,955
Total advances.....		1,807,463

**SUMMARY OF CHANGES IN ADVANCES FROM THE PROVINCE OF ONTARIO
during the Year Ended December 31, 1969**

Balance of advances at December 31, 1968.....	\$2,868,196
Deduct repayments during the year.....	1,060,733
Balance of advances at December 31, 1969.....	<u>\$1,807,463</u>

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Acton.....	5,999.7	33,273.3	175,630	15,721	.....	784	17,999
Ailsa Craig.....	443.3	2,256.0	12,977	1,138	1,268	.....	1,330
Ajax.....	11,697.0	67,711.8	342,406	30,651	.....	4,012	5,849
Alexandria.....	4,258.8	24,041.5	124,669	11,032	7,005	1,331	2,129
Alfred.....	1,023.3	5,509.2	29,954	2,628	2,927	.....	512
Alliston.....	4,129.3	24,469.9	120,878	10,820	.....	1,023	2,065
Almonte.....*	2,856.4	15,687.8	83,616	7,485	.....	2,746	1,428
Alvinston.....	390.8	1,753.7	11,439	1,004	1,118	.....	1,172
Amherstburg.....	5,685.8	35,418.1	166,442	14,899	.....	1,771	17,057
Ancaster Twp.....	2,951.0	16,238.4	86,384	7,578	8,442	.....	8,853
Apple Hill.....	191.5	946.8	5,607	492	548	.....	96
Arkona.....	334.2	1,795.0	9,783	858	956	.....	1,003
Arnprior.....	7,632.7	48,116.9	223,434	19,687	17,151	1,400	3,816
Arthur.....	1,262.1	6,827.6	36,946	3,307	.....	1,313	633
Athens.....	726.8	4,558.2	21,275	1,866	2,079	.....	363
Atikokan Twp.....	3,771.1	21,852.1	110,393	9,684	10,788	9,767	.....
Aurora.....	10,317.7	58,754.6	302,031	27,037	.....	2,538	30,953
Avonmore.....	203.3	969.2	5,952	522	582	.....	102
Aylmer.....	5,719.9	29,856.8	167,439	14,819	9,253	907	17,160
Ayr.....	1,170.3	6,030.6	34,258	3,005	3,348	230	3,511
Baden.....	1,098.8	5,330.8	32,165	2,848	1,702	66	3,296
Bancroft.....*	1,982.9	9,776.0	58,046	5,117	4,280	56	991
Barrie.....	33,422.1	194,240.0	978,371	87,580	.....	.....	16,711
Barry's Bay.....	1,051.9	5,232.1	30,793	2,701	3,009	.....	526
Bath.....	572.5	2,824.1	16,758	1,470	1,638	.....	286
Beachburg.....	497.9	2,606.1	14,575	1,305	.....	.....	249
Beachville.....	2,621.4	17,291.7	76,736	6,869	.....	936	7,864
Beamsville.....	2,933.7	15,881.8	85,877	7,688	.....	341	8,801
Beaverton.....	1,802.2	10,501.8	52,756	4,722	.....	1,019	901
Beeton.....	781.0	4,257.6	22,862	2,006	2,234	522	391
Belle River.....	1,671.0	9,671.4	48,915	4,303	4,125	273	5,013
Belleville.....	32,468.1	196,138.6	950,441	85,081	.....	2,428	16,234
Belmont.....	1,283.4	6,655.8	37,570	3,339	1,320	.....	3,850
Blenheim.....	2,482.8	14,019.3	72,680	6,387	6,511	.....	7,448
Bloomfield.....	633.2	3,170.1	18,534	1,659	.....	.....	317
Blyth.....	1,036.1	5,317.2	30,330	2,661	2,964	.....	3,108
Bobcaygeon.....	1,598.9	9,031.2	46,805	4,106	4,574	1,035	799
Bolton.....	2,243.6	12,739.9	65,676	5,775	5,709	205	6,731
Bothwell.....	621.6	3,278.1	18,198	1,596	1,778	.....	1,865
Bowmanville.....	10,968.3	60,804.3	321,076	28,742	.....	.....	5,484

*See note 8, page 76.

DISTRIBUTION OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1969

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per kw	\$ per kw	Mills per Kwh
\$	\$	\$	\$	\$			
23,407	91,502	278,229	281,273	3,044	35.03	46.37	8.36
2,472	6,204	20,445	20,491	46	37.71	46.12	9.06
16,506	186,207	552,619	560,795	8,176	32.74	47.25	8.16
10,310	66,114	201,970	202,577	607	34.32	47.43	8.40
1,437	15,150	49,734	50,086	352	35.21	48.61	9.03
10,560	67,292	191,518	190,075	1,443	32.65	46.38	7.83
5,827	43,141	132,589	131,378	1,211	33.36	46.42	8.45
2,549	4,823	17,007	17,306	299	37.71	43.52	9.70
18,912	97,400	278,657	278,379	278	35.21	49.01	7.87
9,158	44,656	146,755	147,754	999	37.71	49.73	9.04
729	2,604	8,618	8,659	41	35.21	45.00	9.10
1,908	4,936	15,628	15,660	32	37.71	46.76	8.71
17,782	132,321	380,027	381,716	1,689	34.79	49.79	7.90
4,496	18,776	56,477	54,039	2,438	33.44	44.75	8.27
2,373	12,535	35,745	36,446	701	35.21	49.19	7.84
12,821	60,093	187,904	188,725	821	37.30	49.83	8.60
18,322	161,575	505,812	504,544	1,268	35.15	49.02	8.61
467	2,665	9,356	9,407	51	35.21	46.02	9.65
18,625	82,106	273,059	272,242	817	36.65	47.73	9.15
4,158	16,584	56,778	56,652	126	37.91	48.52	9.41
5,760	14,660	48,977	49,483	506	36.48	44.57	9.19
3,914	26,884	91,460	92,170	710	34.55	46.13	9.36
74,606	534,160	1,542,216	1,535,677	6,539	32.40	46.15	7.94
1,510	14,388	49,907	50,348	441	35.21	47.44	9.54
1,428	7,766	26,490	26,697	207	35.21	46.28	9.38
964	7,167	22,332	22,638	306	32.40	44.85	8.57
11,158	47,552	128,799	128,998	199	35.26	49.13	7.45
7,171	43,675	139,211	140,031	820	35.02	47.45	8.77
5,714	28,880	82,564	83,536	972	32.97	45.81	7.86
3,284	11,708	36,439	36,474	35	35.88	46.66	8.56
4,158	26,596	85,067	84,136	931	37.49	50.91	8.80
95,246	539,381	1,498,319	1,503,586	5,267	32.47	46.15	7.64
1,552	18,303	62,830	64,153	1,323	35.91	48.96	9.44
9,465	38,553	122,114	123,455	1,341	37.47	49.19	8.71
2,403	8,718	26,825	27,081	256	32.40	42.36	8.46
3,618	14,622	50,067	50,539	472	37.71	48.32	9.42
2,878	24,836	79,277	79,410	133	35.86	49.58	8.78
5,273	35,035	113,858	113,903	45	37.50	50.75	8.94
2,882	9,015	29,570	29,588	18	37.71	47.57	9.02
33,366	167,212	489,148	492,003	2,855	32.40	44.60	8.04

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Bracebridge.....*	1,768.4	5,974.3	51,767	4,634	.....	2,964	884
Bradford.....	2,754.5	15,856.6	80,634	7,218	.....	.....	1,377
Braeside.....	2,042.6	9,714.4	59,793	5,342	538	317	1,021
Brampton.....	38,840.7	222,629.0	1,136,987	101,780	.....	.....	116,522
Brantford.....	65,631.2	392,639.9	1,921,232	171,984	.....	.....	196,893
Brantford Twp.....	10,559.8	63,787.7	309,119	27,595	4,169	9,175	31,679
Brechin.....	181.3	942.0	5,307	466	519	.....	91
Bridgeport.....	1,555.1	8,538.6	45,523	3,994	4,449	.....	4,665
Brigden.....	325.0	1,649.6	9,514	835	930	.....	975
Brighton.....	2,510.8	14,006.4	73,497	6,580	.....	.....	1,255
Brockville.....	23,475.5	138,051.7	687,201	61,502	.....	.....	11,738
Brussels.....	796.0	4,134.9	23,302	2,044	2,277	.....	2,388
Burford.....	1,012.1	5,503.4	29,627	2,599	2,895	.....	3,036
Burgessville.....	302.4	1,251.6	8,852	777	865	263	907
Burk's Falls.....	1,177.5	5,945.4	34,468	3,086	.....	.....	589
Burlington.....	70,111.0	403,057.0	2,052,370	183,181	29,523	73,754	210,333
Cache Bay.....	315.5	1,600.8	9,234	827	.....	.....	.....
Caledonia.....	1,605.2	9,158.3	46,990	4,122	4,592	.....	4,816
Campbellford.....*	2,179.1	7,707.9	63,789	5,710	.....	4,632	1,090
Campbellville.....	199.7	999.6	5,846	513	571	.....	599
Cannington.....	997.0	5,449.8	29,185	2,612	.....	.....	499
Capreol.....	2,569.4	14,717.9	75,214	6,733	.....	168	.....
Cardinal.....	1,033.6	5,171.8	30,256	2,654	2,957	.....	517
Carleton Place.....	4,574.6	26,198.6	133,912	11,881	5,828	530	2,287
Casselman.....	1,197.8	5,769.2	35,063	3,076	3,427	.....	599
Cayuga.....	817.0	4,441.2	23,916	2,098	2,337	73	2,451
Chalk River.....	597.0	3,562.9	17,476	1,564	.....	.....	299
Chapleau Twp.....	2,334.9	11,696.0	68,350	5,996	6,679	.....	.....
Chatham.....	36,379.3	211,820.3	1,064,936	95,330	.....	.....	109,138
Chatsworth.....	342.0	1,744.8	10,011	878	978	.....	171
Chesley.....	1,618.2	8,839.6	47,369	4,241	.....	165	809
Chesterville.....	1,823.3	9,109.2	53,375	4,682	5,216	.....	912
Chippawa.....	2,101.2	11,614.6	61,507	5,396	6,011	.....	6,304
Clifford.....	472.5	2,621.6	13,831	1,213	1,352	.....	1,418
Clinton.....	3,002.6	15,943.7	87,899	7,868	.....	578	9,008
Cobden.....	825.4	4,250.5	24,162	2,163	.....	.....	413
Cobourg.....	16,717.4	98,562.3	489,370	43,807	.....	6,480	8,359
Cochrane.....	3,991.9	22,741.5	116,856	209	.....	.....	.....
Colborne.....	1,522.5	9,103.2	44,568	3,910	4,355	.....	761
Coldwater.....	985.7	4,875.6	28,855	2,546	2,018	228	493

*See note 8, page 76.

COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1969

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per kw	\$ per kw	Mills per Kwh
\$	\$	\$	\$	\$			
1,068	16,429	75,610	74,710	900	34.08	42.76	12.66
7,926	43,606	124,909	125,877	968	32.40	45.35	7.88
3,695	26,715	90,031	91,675	1,644	32.82	44.08	9.27
70,206	612,230	1,897,313	1,890,906	6,407	34.90	48.85	8.52
261,486	1,079,760	3,108,383	3,131,779	23,396	34.90	47.36	7.92
21,650	175,416	535,503	544,871	9,368	36.16	50.71	8.40
998	2,591	7,976	8,032	56	35.21	44.00	8.47
3,985	23,481	78,127	78,916	789	37.71	50.24	9.15
2,008	4,536	14,782	14,735	47	37.71	45.48	8.96
6,987	38,518	112,863	113,314	451	32.40	44.95	8.06
72,880	379,642	1,067,203	1,075,242	8,039	32.40	45.46	7.73
3,897	11,371	37,485	37,843	358	37.71	47.09	9.07
4,129	15,134	49,162	49,493	331	37.71	48.57	8.93
1,235	3,442	13,871	13,931	60	38.58	45.87	11.08
2,149	16,350	52,344	52,175	169	32.40	44.45	8.80
95,260	1,108,407	3,562,308	3,572,185	9,877	36.36	50.81	8.84
1,320	4,402	13,143	13,220	77	31.90	41.66	8.21
6,045	25,185	79,660	79,930	270	37.71	49.63	8.70
2,075	21,197	94,343	94,455	112	34.53	43.30	12.24
911	2,749	9,367	9,491	124	37.71	46.91	9.37
3,768	14,987	43,515	43,480	35	32.40	43.65	7.98
6,585	40,474	116,004	116,477	473	31.97	45.15	7.88
4,251	14,222	46,355	46,883	528	35.21	44.85	8.96
21,892	72,046	204,592	206,566	1,974	33.77	44.72	7.81
2,122	15,865	55,908	55,727	181	35.21	46.68	9.69
2,879	12,213	40,209	39,943	266	37.80	49.22	9.05
1,350	9,798	27,787	27,761	26	32.40	46.55	7.80
2,207	32,164	110,982	110,365	617	34.71	47.53	9.49
113,866	582,506	1,738,044	1,747,041	8,997	34.90	47.78	8.21
1,505	4,798	15,331	15,428	97	35.21	44.83	8.79
8,409	24,309	68,484	69,264	780	32.50	42.37	7.75
6,979	25,050	82,256	83,159	903	35.21	45.11	9.03
5,875	31,940	105,283	105,903	620	37.71	50.11	9.06
2,263	7,209	22,760	22,673	87	37.71	48.17	8.68
12,513	43,845	136,685	137,882	1,197	35.09	45.52	8.57
2,393	11,689	36,034	36,039	5	32.40	43.66	8.48
41,134	271,046	777,928	785,197	7,269	32.79	46.53	7.89
6,882	62,539	172,722	173,805	1,083	29.33	43.27	7.60
4,040	25,034	74,588	74,506	82	35.21	48.99	8.19
3,244	13,408	44,304	44,924	620	34.65	44.97	9.09

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Collingwood.....	13,700.3	83,697.5	401,051	35,717	10,037	.....	6,850
Comber.....	408.0	1,945.6	11,943	1,048	1,167	.....	1,224
Coniston.....	1,601.9	8,467.9	46,891	4,198	.....	74	.....
Cookstown.....	636.0	3,393.6	18,619	1,633	1,819	.....	318
Cottam.....	362.5	1,954.2	10,611	931	1,037	.....	1,088
Courtright.....	325.9	1,717.2	9,541	837	932	.....	978
Creemore.....	764.7	3,957.6	22,386	1,964	2,188	372	382
Dashwood.....	460.7	2,388.5	13,486	1,183	1,318	.....	1,382
Deep River.....	5,288.2	30,987.6	154,801	13,857	.....	.....	2,644
Delaware.....	321.7	1,580.7	9,417	826	920	.....	965
Delhi.....	3,457.6	18,500.5	101,215	9,060	.....	.....	10,373
Deseronto.....	1,488.6	8,512.8	43,576	3,823	4,258	722	744
Dorchester.....	665.5	3,295.2	19,482	1,709	1,904	.....	1,997
Drayton.....	584.4	3,024.0	17,107	1,501	1,672	.....	1,753
Dresden.....	2,866.8	15,277.1	83,921	7,512	.....	2,468	8,600
Drumbo.....	312.6	1,566.8	9,151	803	894	109	938
Dryden.....	5,285.3	30,002.6	154,716	13,573	15,120	2,565	.....
Dublin.....	389.1	1,742.8	11,389	999	1,113	.....	1,167
Dundalk.....	1,136.8	5,866.1	33,280	2,919	3,252	78	568
Dundas.....	13,952.1	77,871.6	408,422	36,561	.....	5,040	41,856
Dunnville.....	4,990.8	28,823.6	146,097	13,078	.....	1,393	14,972
Durham.....	2,382.9	12,594.6	69,756	6,119	6,817	.....	1,191
Dutton.....	477.0	2,407.9	13,963	1,225	1,365	.....	1,431
East York.....	82,188.9	497,113.7	2,405,928	215,372	.....	22,441	246,567
Eganville.....*	1,061.1	4,998.0	31,062	2,725	3,035	.....	531
Elmira.....	6,892.5	37,976.0	201,765	18,061	.....	918	20,678
Elmvale.....	1,154.2	5,958.4	33,787	2,964	3,302	.....	577
Elmwood.....	249.5	1,119.6	7,302	641	714	.....	125
Elora.....	1,337.7	7,540.5	39,157	3,435	3,827	.....	4,013
Embro.....	583.2	3,158.6	17,071	1,497	1,668	.....	1,750
Embrun.....	1,336.5	6,506.4	39,124	3,432	3,823	.....	668
Erieau.....	566.7	2,955.2	16,588	1,455	1,621	.....	1,700
Erie Beach.....	113.8	531.1	3,332	292	326	.....	341
Erin.....	1,229.1	6,562.7	35,980	3,220	.....	.....	615
Espanola.....	4,186.4	23,197.7	122,548	10,970	.....	980	.....
Essex.....	2,895.0	16,831.9	84,745	7,586	.....	.....	8,685
Etobicoke.....	301,501.8	1,882,631.3	8,825,902	789,794	14,921	191,189	904,504
Exeter.....	3,254.6	18,394.3	95,271	8,449	4,342	613	9,764
Fenelon Falls.....*	1,349.7	6,882.3	39,509	3,537	.....	.....	675
Fergus.....	8,477.1	43,569.0	248,151	22,214	.....	2,396	25,431

*See note 8, page 76.

COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1969

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per kw	\$ per kw	Mills per Kwh
\$	\$	\$	\$	\$			
35,675	230,168	648,148	654,881	6,733	33.12	47.31	7.74
2,755	5,350	17,977	17,996	19	37.71	44.06	9.24
2,225	23,287	72,225	72,048	177	31.95	45.09	8.53
1,894	9,332	29,827	29,660	167	35.21	46.90	8.79
1,536	5,374	17,505	17,536	31	37.71	48.29	8.96
1,308	4,722	15,702	15,844	142	37.70	48.18	9.14
2,900	10,883	35,275	34,841	434	35.70	46.13	8.91
2,017	6,568	21,920	22,351	431	37.71	47.58	9.18
7,736	85,216	248,782	249,640	858	32.40	47.05	8.03
1,235	4,347	15,240	15,411	171	37.71	47.37	9.64
9,470	50,876	162,054	162,602	548	34.90	46.87	8.76
4,757	23,410	71,776	71,628	148	35.70	48.21	8.43
2,225	9,062	31,929	32,327	398	37.71	47.98	9.69
2,755	8,316	27,594	27,742	148	37.71	47.22	9.13
8,788	42,012	135,725	135,595	130	35.76	47.34	8.88
1,610	4,309	14,594	14,680	86	38.06	46.69	9.31
10,275	82,507	258,206	260,616	2,410	35.20	48.86	8.61
1,414	4,793	18,047	18,385	338	37.71	46.39	10.36
3,659	16,132	52,570	52,844	274	35.28	46.24	8.96
40,473	214,147	665,553	665,877	324	35.26	47.70	8.55
20,464	79,265	234,341	235,087	746	35.18	46.95	8.13
8,467	34,635	110,051	110,649	598	35.21	46.19	8.74
3,519	6,622	21,087	21,551	461	37.71	44.20	8.76
265,931	1,367,063	3,991,440	4,011,641	20,201	35.17	48.56	8.03
1,599	13,745	49,499	49,596	97	35.21	46.65	9.90
21,806	104,434	324,050	322,455	1,595	35.03	47.01	8.53
3,546	16,386	53,470	53,829	359	35.21	46.33	8.97
1,234	3,079	10,627	10,493	134	35.21	42.59	9.49
6,799	20,736	64,369	64,024	345	37.71	48.12	8.54
2,459	8,686	28,213	28,513	300	37.71	48.37	8.93
1,496	17,893	63,444	62,968	476	35.21	47.47	9.75
2,527	8,127	26,964	27,106	142	37.71	47.58	9.12
448	1,461	5,304	5,271	33	37.71	46.60	9.99
1,996	18,047	55,866	55,262	604	32.40	45.46	8.51
4,325	63,794	193,967	194,013	46	32.13	46.34	8.36
9,920	46,288	137,384	137,767	383	34.90	47.45	8.16
619,892	5,177,238	15,283,656	15,322,290	38,634	35.58	50.69	8.12
12,708	50,584	156,315	157,268	953	36.40	48.03	8.50
364	18,926	62,283	63,044	761	32.40	46.15	9.95
21,609	119,815	396,398	398,912	2,514	35.18	46.76	9.10

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDIZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt-hours	\$	\$	\$	\$	\$
Finch.....	352.3	1,712.8	10,313	905	1,008	.....	176
Flesherton.....	766.6	3,830.1	22,440	1,969	2,193	.....	383
Fonthill.....	1,760.8	9,718.8	51,543	4,522	5,037	.....	5,282
Forest.....	2,161.0	12,042.7	63,260	5,550	6,182	87	6,483
Fort William.....	44,455.9	270,994.9	1,301,363	116,494	.....	.....	.....
Frankford.....	1,356.9	7,220.8	39,721	3,485	3,882	.....	678
Galt.....	41,253.5	241,522.0	1,207,620	108,102	.....	.....	123,761
Georgetown.....	14,039.9	85,892.0	410,992	36,791	.....	3,274	42,120
Glencoe.....	1,063.4	5,291.2	31,128	2,731	3,042	46	3,190
Gloucester Twp.....	27,507.0	167,246.0	805,215	41,859	41,414	.....	13,754
Goderich.....	8,419.8	49,003.2	246,473	22,063	.....	.....	25,259
Grand Bend.....	1,049.9	5,537.6	30,733	2,696	3,003	121	3,150
Grand Valley.....	785.0	3,898.0	22,979	2,016	2,246	.....	393
Granton.....	215.0	1,023.0	6,293	552	615	.....	645
Gravenhurst.....	3,404.5	18,600.9	99,660	8,921	.....	201	1,702
Grimsby.....	4,570.8	25,603.0	133,801	11,841	7,445	419	13,712
Guelph.....	73,627.3	448,146.6	2,155,300	185,789	.....	95	220,882
Hagersville.....	2,556.3	12,126.7	74,830	6,584	6,285	1,642	7,669
Hamilton.....	549,102.0	3,679,071.2	16,073,933	1,385,868	.....	.....	1,511,537
Hanover.....	7,026.8	34,335.1	205,697	18,259	8,396	673	3,513
Harriston.....	1,902.5	10,768.9	55,693	4,986	.....	351	5,708
Harrow.....	2,129.3	11,670.8	62,331	5,482	5,313	439	6,388
Hastings.....	759.3	4,197.8	22,227	1,950	2,172	.....	380
Havelock.....	867.7	4,641.4	25,401	2,273	.....	.....	434
Hawkesbury.....	8,487.8	47,811.3	248,465	22,242	.....	.....	4,244
Hearst.....	3,945.4	20,363.1	115,495	10,339	.....	.....	.....
Hensall.....	1,164.9	6,047.7	34,099	2,992	3,332	.....	3,495
Hespeler.....	8,549.9	44,553.7	250,281	22,405	.....	573	25,650
Highgate.....	356.0	1,435.6	10,421	914	1,018	.....	1,068
Holstein.....	150.3	713.0	4,401	386	430	.....	75
Huntsville.....	3,942.1	23,096.8	115,397	10,330	.....	.....	1,971
Ingersoll.....	7,686.7	44,050.0	225,014	20,143	.....	3,820	23,060
Iroquois.....	1,217.2	6,515.2	35,633	3,126	3,482	.....	609
Jarvis.....	489.2	2,671.2	14,321	1,256	1,399	.....	1,468
Kapuskasing.....	5,758.0	29,801.8	168,554	15,089	.....	902	.....
Kemptville.....	2,844.6	17,070.7	83,270	7,454	.....	482	1,422
Kenora.....	9,624.9	55,944.3	281,751	504	.....	.....	.....
Killaloe Station.....	473.8	2,393.3	13,869	1,242	.....	.....	237
Kincardine.....	3,064.6	17,034.3	89,711	7,957	4,002	2,788	1,532
King City.....	1,503.1	8,241.8	44,001	3,860	4,300	.....	4,509

COST OF PRIMARY POWER TO MUNICIPALITIES
ended December 31, 1969

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per kw	\$ per kw	Mills per Kwh
\$	\$	\$	\$	\$			
1,577	4,710	15,535	15,802	267	35.21	44.09	9.07
1,879	10,533	35,639	36,148	509	35.21	46.49	9.30
4,892	26,727	88,219	89,088	869	37.71	50.10	9.08
9,521	33,117	105,158	105,408	250	37.75	48.66	8.73
200,618	745,236	1,962,475	1,974,967	12,492	31.90	44.15	7.24
2,467	19,857	65,156	65,135	21	35.21	48.02	9.02
141,523	664,186	1,962,146	1,968,703	6,557	34.90	47.56	8.12
36,443	236,203	692,937	681,252	11,685	35.13	49.35	8.07
4,490	14,551	50,198	50,347	149	37.75	47.21	9.49
27,554	459,927	1,334,615	1,344,563	9,948	32.81	48.52	7.98
32,771	134,759	395,783	397,798	2,015	34.90	47.01	8.08
3,403	15,228	51,528	51,887	359	37.83	49.08	9.31
3,155	10,720	35,199	34,965	234	35.21	44.84	9.03
1,183	2,813	9,735	9,745	10	37.71	45.28	9.52
13,252	51,152	148,384	148,719	335	32.46	43.58	7.98
11,381	70,408	226,245	233,171	6,926	36.59	49.50	8.84
187,631	1,232,403	3,606,838	3,603,595	3,243	34.80	48.99	8.05
13,790	33,348	116,568	117,295	727	37.96	45.60	9.61
1,810,015	10,117,448	27,278,771	27,677,987	399,216	34.55	49.68	7.41
22,129	94,422	308,831	310,703	1,872	33.67	43.95	8.99
8,302	29,614	88,050	88,269	219	35.08	46.28	8.18
8,662	32,095	103,386	103,223	163	37.56	48.55	8.86
2,271	11,544	36,002	36,445	443	35.21	47.42	8.58
3,507	12,764	37,365	37,613	248	32.40	43.06	8.05
9,495	131,481	396,937	389,217	7,720	32.40	46.76	8.30
6,047	55,999	175,786	175,836	50	31.90	44.56	8.63
4,708	16,631	55,841	56,794	953	37.71	47.94	9.23
34,035	122,523	387,397	386,109	1,288	34.97	45.31	8.70
1,683	3,948	15,686	15,773	87	37.71	44.06	10.93
670	1,961	6,583	6,580	3	35.21	43.80	9.23
16,811	63,516	174,403	174,940	537	32.40	44.24	7.55
38,788	121,138	354,387	358,312	3,925	35.40	46.10	8.05
3,290	17,917	57,477	58,303	826	35.21	47.22	8.82
3,133	7,346	22,657	22,488	169	37.71	46.31	8.48
10,001	81,955	256,499	255,351	1,148	32.06	44.54	8.61
8,595	46,944	130,977	130,335	642	32.57	46.05	7.67
2,858	153,847	433,244	433,851	607	29.33	45.01	7.74
928	6,582	21,002	21,302	300	32.40	44.33	8.78
13,818	46,844	139,016	139,164	148	34.60	45.36	8.16
2,290	22,665	77,045	77,920	875	37.71	51.26	9.35

STATEMENT OF THE ALLOCATION OF THE for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Kingston.....	58,388.5	355,121.1	1,709,213	153,003	.....	.....	29,194
Kingsville.....	3,070.8	17,271.4	89,891	7,914	7,281	2,062	9,212
Kirkfield.....	160.2	724.4	4,690	411	458	.....	80
Kitchener.....	125,417.2	732,429.7	3,671,359	6,571	.....	.....	376,251
Lakefield.....	2,134.9	12,311.3	62,495	5,483	6,107	.....	1,067
Lambeth.....	1,605.3	8,430.5	46,992	4,122	4,592	34	4,816
Lanark.....	638.3	3,090.3	18,684	1,639	1,826	.....	319
Lancaster.....	465.0	2,547.9	13,611	1,194	1,330	.....	233
Larder Lake Twp.....	951.4	5,478.5	27,851	2,443	2,722	611	.....
Latford.....	298.9	1,687.0	8,750	784	.....	.....	.....
Leamington.....	9,907.1	58,360.2	290,013	25,882	4,339	2,501	29,721
Lindsay.....	15,226.9	95,668.4	445,739	39,901	.....	4,751	7,613
Listowel.....	5,261.7	28,665.3	154,026	13,788	.....	233	15,785
London.....	193,770.3	1,166,002.4	5,672,263	507,764	.....	.....	581,311
L'Orignal.....	888.4	4,813.3	26,005	2,281	2,541	.....	444
Lucan.....	890.1	4,881.6	26,056	2,286	2,546	.....	2,670
Lucknow.....	1,089.2	5,552.0	31,886	2,797	3,116	74	545
Lynden.....	495.4	2,539.6	14,502	1,272	1,417	.....	1,486
Madoc.....	1,367.1	7,437.6	40,018	3,511	3,911	.....	684
Magnetawan.....	161.6	811.0	4,731	423	.....	.....	81
Markdale.....	1,136.8	6,271.1	33,280	2,919	3,252	.....	568
Markham.....	9,007.5	50,084.7	263,678	23,203	21,846	7,758	27,023
Marmora.....	1,090.6	6,213.6	31,925	2,801	3,120	652	545
Martintown.....	185.7	920.0	5,436	477	531	.....	93
Massey.....	885.7	4,953.0	25,928	2,321	.....	.....	.....
Maxville.....	825.0	4,136.1	24,150	2,119	2,360	.....	413
McGarry Twp.....	887.8	4,611.6	25,989	2,280	2,540	.....	.....
Meaford.....	4,646.8	25,856.7	136,026	12,096	4,368	1,677	2,323
Merlin.....	532.9	2,809.6	15,600	1,369	1,524	.....	1,599
Merrickville.....	798.4	4,155.2	23,372	2,050	2,284	.....	399
Midland.....	13,660.6	77,465.2	399,889	35,797	.....	850	6,830
Mildmay.....	598.7	3,755.5	17,526	1,537	1,713	.....	299
Millbrook.....	641.3	3,550.2	18,773	1,647	1,835	.....	321
Milton.....	8,063.5	47,448.2	236,042	21,066	3,446	3,668	24,191
Milverton.....	1,198.2	5,947.2	35,075	3,077	3,428	64	3,595
Mississauga.....	169,467.2	1,096,468.5	4,960,836	443,897	9,890	82,303	508,401
Mitchell.....	2,978.5	15,953.9	87,189	7,805	.....	2,758	8,936
Moorefield.....	374.1	1,991.4	10,951	961	1,070	.....	1,122
Morrisburg.....	1,898.8	10,565.0	55,583	4,876	5,432	1,017	949
Mount Brydges.....	692.5	3,723.6	20,271	1,778	1,981	.....	2,078

DIST OF PRIMARY POWER TO MUNICIPALITIES **ended December 31, 1969**

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per kw	\$ per kw	Mills per Kwh
\$	\$	\$	\$	\$			
166,991	976,583	2,701,002	2,726,120	25,118	32.40	46.26	7.61
11,557	47,496	152,299	152,289	10	37.90	49.60	8.82
684	1,992	6,947	6,967	20	35.21	43.36	9.59
371,608	2,014,182	5,696,755	5,715,314	18,559	32.33	45.42	7.78
6,839	33,856	102,170	102,582	412	35.21	47.86	8.30
4,377	23,184	79,363	79,858	495	37.71	49.43	9.41
2,055	8,498	28,911	29,190	279	35.21	45.29	9.36
1,600	7,007	21,775	21,900	125	35.21	46.83	8.55
2,800	15,066	45,893	46,252	359	35.35	48.24	8.38
509	4,639	13,664	13,549	115	31.90	45.72	8.10
33,792	160,491	479,155	478,330	825	35.58	48.37	8.21
47,943	263,088	713,149	714,050	901	32.71	46.83	7.45
20,739	78,830	241,923	242,485	562	34.94	45.98	8.44
593,602	3,206,507	9,374,243	9,436,148	61,905	34.90	48.38	8.04
1,324	13,237	43,184	43,381	197	35.21	48.61	8.97
3,809	13,424	43,173	42,954	219	37.71	48.50	8.84
5,622	15,268	48,064	48,512	448	35.28	44.13	8.66
2,103	6,984	23,558	23,733	175	37.71	47.55	9.28
4,590	20,453	63,987	64,118	131	35.21	46.80	8.60
336	2,230	7,129	7,102	27	32.40	44.12	8.79
3,651	17,246	53,614	53,733	119	35.21	47.16	8.55
12,950	137,733	468,291	462,345	5,946	38.15	51.99	9.35
3,375	17,087	52,755	52,532	223	35.81	48.38	8.49
771	2,530	8,296	8,311	15	35.21	44.68	9.02
1,352	13,621	40,518	40,462	56	31.90	45.74	8.18
2,890	11,374	37,526	37,885	359	35.21	45.49	9.07
2,814	12,682	40,677	41,048	371	34.71	45.82	8.82
14,399	71,106	213,197	215,159	1,962	33.69	45.87	8.25
2,284	7,726	25,534	25,657	123	37.71	47.91	9.09
1,634	11,427	37,898	38,119	221	35.21	47.46	9.12
50,419	213,029	605,976	609,221	3,245	32.46	44.36	7.82
2,315	10,328	29,088	29,179	91	35.21	48.58	7.75
1,901	9,763	30,438	30,678	240	35.21	47.47	8.57
23,764	130,483	395,132	383,627	11,505	35.77	49.00	8.33
7,140	16,355	54,454	55,207	753	37.76	45.45	9.16
220,362	3,015,288	8,800,253	8,769,821	30,432	35.45	51.93	8.03
11,333	43,873	139,228	140,006	778	35.83	46.75	8.73
1,552	5,476	18,028	18,014	14	37.71	48.19	9.05
5,233	29,054	91,678	92,412	734	35.75	48.28	8.68
2,095	10,240	34,253	34,204	49	37.71	49.46	9.20

STATEMENT OF THE ALLOCATION OF THE for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Mount Forest.....	3,102.2	16,798.1	90,811	8,047	4,502	519	1,551
Napanee.....	4,487.4	23,991.9	131,360	11,652	5,842	1,569	2,244
Nepean Twp.....	53,935.4	319,127.1	1,524,415	58,293	4,073	1,229	26,968
Neustadt.....	463.3	2,092.4	13,562	1,190	1,325	.....	232
Newboro.....	211.2	1,123.2	6,184	542	604	.....	106
Newburgh.....	381.0	2,015.4	11,154	978	1,090	.....	191
Newbury.....	295.1	1,325.2	8,638	758	844	.....	885
Newcastle.....	1,515.7	8,654.1	44,369	3,971	.....	.....	758
New Hamburg.....	2,546.0	13,641.3	74,530	6,556	6,318	739	7,638
Newmarket.....	10,215.1	58,474.3	299,029	26,481	15,657	4,072	30,645
Niagara.....	2,246.8	12,792.6	65,770	5,888	.....	1,280	6,740
Niagara Falls.....	48,996.6	297,934.8	1,434,283	128,392	.....	27,695	146,990
Nipigon Twp.....	2,063.1	12,984.3	60,394	5,298	5,902	.....	.....
North Bay.....	40,434.5	241,899.4	1,183,643	105,957	.....	4,405	.....
North York.....	404,620.9	2,430,868.6	11,844,517	1,048,543	.....	.....	1,213,862
Norwich.....	1,072.1	5,984.0	31,384	2,753	3,067	849	3,216
Norwood.....	873.8	4,742.4	25,577	2,244	2,500	.....	437
Oakville.....	96,792.9	662,908.2	2,833,430	253,447	10,522	42,912	290,379
Oil Springs.....	411.6	2,513.2	12,049	1,057	1,177	.....	1,235
Omeme.....	566.7	3,196.3	16,587	1,455	1,621	.....	283
Orangeville.....	6,235.6	35,974.0	182,534	16,228	6,106	3,091	3,118
Orillia.....*	13,287.6	69,285.2	388,969	34,819	.....	11,112	6,644
Orono.....	897.0	5,152.4	26,258	2,304	2,566	.....	449
Oshawa.....	118,483.3	714,935.1	3,468,377	310,478	.....	.....	59,242
Ottawa.....*	335,388.2	1,976,232.5	9,817,863	744,271	1,055	.....	167,694
Otterville.....	497.0	2,530.0	14,547	1,276	1,422	.....	1,491
Owen Sound.....	20,665.7	126,496.6	604,949	53,846	16,127	.....	10,333
Paisley.....	728.2	3,897.8	21,316	1,908	.....	.....	364
Palmerston.....	1,572.9	8,857.9	46,043	4,121	.....	663	4,719
Paris.....	5,669.0	30,945.6	165,949	14,855	.....	1,549	17,007
Parkhill.....	1,209.0	5,863.2	35,391	3,105	3,459	.....	3,627
Parry Sound.....*	4,459.0	26,748.2	130,528	11,685	.....	451	2,229
Pembroke.....*	5,745.8	27,784.1	156,705	15,056	.....	10,841	2,873
Penetanguishene.....	4,180.0	25,221.5	122,361	10,953	.....	1,157	2,090
Perth.....	5,855.7	33,531.2	171,415	15,345	.....	.....	2,928
Peterborough.....	65,378.7	404,696.9	1,913,838	171,320	.....	.....	32,689
Petrolia.....	3,264.7	16,274.6	95,567	8,417	7,561	473	9,794
Petrolia Waterworks.....	142.8	902.1	4,182	367	409	.....	428
Pickering.....	1,354.9	8,017.2	39,663	3,479	3,876	.....	677
Pictou.....	4,761.3	26,649.4	139,378	12,476	.....	209	2,381

*See note 8, page 76.

COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1969

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per kw	\$ per kw	Mills per Kwh
\$	\$	\$	\$	\$	\$		
10,446	46,195	141,179	141,273	94	34.00	45.51	8.40
18,748	65,978	199,897	199,334	563	34.03	44.54	8.33
46,274	877,600	2,446,304	2,453,992	7,688	29.96	45.35	7.67
1,671	5,754	20,392	20,504	112	35.21	44.01	9.75
372	3,089	10,153	10,146	7	35.21	48.07	9.04
903	5,542	18,052	18,222	170	35.21	47.38	8.96
967	3,644	13,802	13,707	95	37.71	46.77	10.42
3,689	23,799	69,208	67,834	1,374	32.39	45.66	8.00
9,916	37,514	123,379	120,775	2,604	37.62	48.46	9.04
22,389	160,804	514,299	515,860	1,561	36.80	50.35	8.80
9,725	35,180	105,133	105,890	757	35.47	46.79	8.22
175,115	819,321	2,381,566	2,395,119	13,553	35.47	48.61	7.99
5,884	35,707	101,417	102,047	630	34.71	49.15	7.81
100,808	665,223	1,858,420	1,867,912	9,492	32.01	45.96	7.68
593,917	6,684,891	20,197,896	20,227,851	29,955	34.87	49.92	8.31
6,539	16,456	51,186	50,976	210	38.50	47.74	8.55
3,020	13,042	40,780	40,894	114	35.21	46.67	8.60
140,231	1,822,998	5,113,457	5,135,227	21,770	35.45	52.83	7.71
3,250	6,911	19,179	19,554	375	37.71	46.59	7.63
1,943	8,790	26,793	27,275	482	35.21	47.28	8.38
17,113	98,929	292,893	288,700	4,193	33.86	46.97	8.14
20,108	190,534	611,970	618,338	6,368	33.24	46.06	8.83
2,062	14,169	43,684	43,728	44	35.21	48.70	8.48
305,887	1,966,072	5,498,282	5,586,347	88,065	32.40	46.41	7.69
555,588	5,434,640	15,609,935	15,741,309	131,374	32.00	46.54	7.90
2,228	6,958	23,466	23,726	260	37.71	47.22	9.28
70,362	347,866	962,759	971,246	8,487	33.17	46.59	7.61
3,013	10,719	31,294	31,193	101	32.40	42.97	8.03
8,597	24,359	71,308	71,476	168	35.32	45.33	8.05
23,735	85,100	260,725	264,280	3,555	35.17	45.99	8.43
5,253	16,124	56,453	56,974	521	37.71	46.70	9.63
8,115	73,558	210,336	211,225	889	32.50	47.17	7.86
1,658	76,406	260,223	261,084	861	32.29	45.29	9.37
14,826	69,359	191,094	192,490	1,396	32.68	45.71	7.58
23,425	92,211	258,474	259,063	589	32.40	44.14	7.71
188,048	1,112,916	3,042,715	3,059,481	16,766	32.40	46.54	7.52
16,952	44,755	149,615	150,489	874	37.32	45.83	9.19
.....	2,481	7,867	7,917	50	37.71	55.09	8.72
1,914	22,047	67,828	68,379	551	35.21	50.06	8.46
20,736	73,286	206,994	207,800	806	32.44	43.47	7.77

STATEMENT OF THE ALLOCATION OF THE for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt hours	\$	\$	\$	\$	\$
Plantagenet.....	918.8	4,608.6	26,896	2,360	2,628	.....	459
Plattsville.....	1,034.5	4,864.0	30,283	2,657	2,959	.....	3,104
Point Edward.....	7,222.0	35,854.8	211,411	18,845	4,310	.....	21,666
Port Arthur.....*	56,831.7	327,928.2	1,663,641	148,924	.....	178	.....
Port Burwell.....	340.9	1,897.8	9,980	875	975	32	1,023
Port Colborne.....	13,467.8	85,635.6	394,244	35,292	.....	2,081	40,403
Port Credit.....	17,200.7	126,304.3	503,517	45,073	.....	6,452	51,601
Port Dover.....	2,402.4	14,130.8	70,327	6,295	.....	1,844	7,207
Port Elgin.....	2,743.2	16,444.7	80,303	7,045	7,847	43	1,372
Port Hope.....	10,377.0	58,917.8	303,767	27,193	.....	2,965	5,189
Port McNicoll.....	1,269.9	5,746.8	37,174	3,261	3,633	871	635
Port Perry.....	2,713.1	15,673.8	79,421	7,109	.....	765	1,357
Port Rowan.....	465.3	2,504.6	13,621	1,195	1,331	.....	1,396
Port Stanley.....	1,347.6	7,555.6	39,449	3,461	3,855	2,105	4,043
Prescott.....	4,827.7	26,331.1	141,321	12,651	.....	409	2,414
Preston.....	15,033.7	87,840.5	440,083	39,391	202	.....	45,101
Priceville.....	84.5	392.2	2,473	217	242	.....	42
Princeton.....	397.1	1,998.8	11,625	1,020	1,136	.....	1,191
Queenston.....	430.7	2,382.6	12,608	1,106	1,232	.....	1,292
Rainy River.....	975.4	5,558.9	28,553	2,505	2,790	150	.....
Red Rock.....	1,065.7	5,765.5	31,197	2,793	.....	427	.....
Renfrew.....*	6,516.6	34,059.9	190,760	17,076	.....	.....	3,258
Richmond.....	1,575.5	8,787.1	46,119	4,046	4,507	.....	788
Richmond Hill.....	16,252.3	97,114.0	475,756	42,444	.....	4,349	48,757
Ridgetown.....	2,313.5	11,982.9	67,722	6,035	1,502	1,208	6,941
Ripley.....	482.0	2,618.4	14,109	1,238	1,379	.....	241
Rockland.....	1,958.8	10,357.1	57,340	5,030	5,604	.....	979
Rockwood.....	687.1	3,860.8	20,113	1,765	1,966	.....	2,061
Rodney.....	715.7	3,784.8	20,951	1,838	2,047	.....	2,147
Rosseau.....	228.5	1,135.2	6,689	599	.....	.....	114
Russell.....	547.9	3,069.7	16,039	1,407	1,567	.....	274
St. Catharines.....	138,718.2	860,092.4	4,060,715	363,491	675	374	416,155
St. Clair Beach.....	1,255.1	6,667.4	36,740	3,223	3,590	.....	3,765
St. George.....	761.6	3,924.3	22,294	1,956	2,177	.....	2,285
St. Jacobs.....	943.1	4,874.4	27,607	2,422	2,698	.....	2,829
St. Mary's.....	4,551.9	25,396.1	133,249	11,927	.....	.....	13,656
St. Thomas.....	25,894.3	150,996.0	758,007	67,842	719	.....	77,683
Sandwich West Twp.....	5,486.5	31,283.9	160,607	14,275	5,577	6,462	16,460
Sarnia.....	55,288.0	375,197.0	1,618,452	144,879	.....	.....	165,864
Scarborough.....	267,297.3	1,577,466.6	7,824,626	700,262	9,482	182,676	801,891

*See note 8, page 76.

COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1969

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per kw	\$ per kw	Mills per Kwh
\$	\$	\$	\$	\$	\$		
1,184	12,674	43,833	43,436	397	35.21	47.70	9.51
3,206	13,376	49,173	49,950	777	37.71	47.53	10.11
23,675	98,601	331,158	329,472	1,686	35.49	45.85	9.24
330,454	901,803	2,384,092	2,402,499	18,407	31.90	41.98	7.27
1,284	5,219	16,820	17,024	204	37.80	49.34	8.86
41,736	235,498	665,782	668,548	2,766	35.05	49.44	7.77
38,545	347,337	915,435	922,729	7,294	35.28	53.22	7.25
10,224	38,860	114,309	114,735	426	35.67	47.58	8.09
7,655	45,223	134,178	133,812	366	35.23	48.91	8.16
36,744	162,024	464,394	467,372	2,978	32.69	44.75	7.88
4,540	15,804	56,838	55,694	1,144	35.90	44.75	9.89
7,251	43,103	124,504	125,374	870	32.68	45.89	7.94
2,028	6,888	22,403	22,279	124	37.71	48.15	8.94
8,440	20,778	65,251	65,301	50	39.27	48.42	8.64
17,818	72,411	211,388	213,601	2,213	32.48	43.79	8.03
56,144	241,561	710,194	710,326	132	34.91	47.24	8.09
294	1,079	3,759	3,722	37	35.21	44.48	9.58
2,079	5,497	18,390	18,646	256	37.71	46.31	9.20
1,879	6,552	20,911	21,150	239	37.71	48.55	8.78
1,499	15,287	47,786	48,214	428	34.86	48.99	8.60
2,640	15,855	47,632	48,104	472	32.30	44.70	8.26
14,075	93,664	290,683	293,952	3,269	32.40	44.61	8.53
2,457	24,164	77,167	76,658	509	35.21	48.98	8.78
30,069	267,063	808,300	813,495	5,195	35.16	49.73	8.32
9,586	32,953	106,775	107,205	430	36.06	46.15	8.91
2,202	7,200	21,965	22,046	81	35.21	45.57	8.39
3,256	28,482	94,179	94,020	159	35.21	48.08	9.09
2,609	10,617	33,913	34,219	306	37.71	49.36	8.78
3,353	10,408	34,038	33,972	66	37.71	47.56	8.99
923	3,122	9,601	9,269	332	32.40	42.02	8.46
1,742	8,441	25,986	25,196	790	35.21	47.43	8.47
389,904	2,365,254	6,816,760	6,850,124	33,364	34.90	49.14	7.93
2,759	18,335	62,894	62,678	216	37.71	50.11	9.43
3,130	10,792	36,374	36,813	439	37.71	47.76	9.27
3,992	13,405	44,969	44,879	90	37.71	47.68	9.23
36,888	69,839	191,783	192,836	1,053	34.90	42.13	7.55
102,832	415,239	1,216,658	1,223,211	6,553	34.93	46.99	8.06
8,368	86,031	281,044	279,086	1,958	37.08	51.22	8.98
317,610	1,031,792	2,643,377	2,649,687	6,310	34.90	47.81	7.05
438,323	4,338,033	13,418,647	13,458,941	40,294	35.62	50.20	8.51

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt hours	\$	\$	\$	\$	\$
Schreiber Twp.....	1,693.1	9,919.9	49,562	4,348	4,843	217	.....
Seaforth.....	2,231.5	11,323.5	65,323	5,848	.....	560	6,695
Shelburne.....	1,513.8	8,776.0	44,315	3,888	4,331	.....	757
Simcoe.....	12,946.3	75,791.7	378,980	33,914	604	4,946	38,839
Sioux Lookout.....	2,393.2	14,114.1	70,057	6,146	6,847	.....	.....
Smiths Falls.....	11,188.5	63,682.4	327,522	29,319	.....	254	5,594
Southampton.....	2,084.1	11,853.6	61,009	5,352	5,962	1,852	1,042
South Grimsby Twp.....	689.5	3,449.1	20,184	1,775	1,761	134	2,069
South River.....	793.2	4,344.6	23,219	2,079	.....	.....	.....
Springfield.....	295.0	1,620.4	8,636	758	844	42	885
Stayner.....	1,579.8	8,919.1	46,246	4,057	4,519	.....	790
Stirling.....	1,336.8	7,347.0	39,131	3,503	.....	.....	668
Stoney Creek.....	5,408.1	29,243.4	158,312	13,893	15,214	383	16,224
Stouffville.....	3,698.9	20,067.7	108,279	9,693	.....	7,084	11,097
Stratford.....	29,312.8	168,794.2	858,077	76,813	.....	.....	87,938
Strathroy.....	6,251.9	34,514.3	183,011	16,383	.....	3,922	18,756
Streetsville.....	5,211.1	30,728.5	152,546	13,655	.....	747	15,633
Sturgeon Falls.....	4,274.1	23,795.9	125,117	11,200	.....	290	.....
Sudbury.....	61,327.3	374,050.0	1,795,242	160,704	.....	50,849	.....
Sunderland.....	608.0	3,300.8	17,798	1,561	1,739	.....	304
Sundridge.....	796.6	4,242.2	23,318	2,088	.....	.....	398
Sutton.....	2,017.0	11,931.0	59,044	5,180	5,770	.....	6,051
Tara.....	869.9	5,110.4	25,465	2,234	2,489	.....	435
Tavistock.....	1,527.6	8,332.3	44,717	3,923	4,370	920	4,583
Tecumseh.....	3,101.8	17,350.4	90,799	8,129	.....	2,036	9,305
Teeswater.....	1,247.5	6,211.1	36,518	3,225	2,441	.....	624
Terrace Bay Twp.....	1,768.4	11,214.9	51,767	4,634	.....	.....	.....
Thamesford.....	1,356.8	7,607.1	39,717	3,484	3,881	.....	4,070
Thamesville.....	1,056.1	5,020.0	30,916	2,712	3,021	.....	3,168
Thedford.....	637.9	3,397.2	18,674	1,638	1,825	.....	1,914
Thessalon.....	1,316.5	7,608.3	38,540	3,450	.....	863	.....
Thornbury.....	1,419.5	7,801.6	41,552	3,645	4,061	.....	710
Thorndale.....	290.0	1,514.4	8,488	745	830	15	870
Thornton.....	228.5	1,062.4	6,689	587	654	.....	114
Thorold.....	6,469.6	38,378.0	189,385	16,944	.....	588	19,409
Tilbury.....	3,328.9	16,329.5	97,447	8,723	.....	2,156	9,987
Tillsonburg.....	7,189.2	38,716.0	210,450	18,839	.....	.....	21,568
Toronto.....	809,943.9	5,081,209.8	23,709,589	1,812,852	.....	6,018	2,429,831
Tottenham.....	682.5	3,580.1	19,977	1,753	1,952	.....	341
Trenton.....	19,344.5	122,288.5	566,274	50,692	.....	.....	9,672

COST OF PRIMARY POWER TO MUNICIPALITIES

Ended December 31, 1969

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per kw	\$ per kw	Mills per Kwh
\$	\$	\$	\$	\$			
4,072	27,280	82,178	83,429	1,251	34.84	48.54	8.28
10,879	31,140	98,687	98,402	285	35.15	44.22	8.72
5,486	24,134	71,939	71,335	604	35.21	47.53	8.20
39,484	208,427	626,226	630,101	3,875	35.33	48.37	8.26
8,463	38,814	113,401	115,315	1,914	34.71	47.38	8.03
37,940	175,127	499,876	504,052	4,176	32.42	44.68	7.85
6,929	32,597	100,885	99,130	1,755	36.10	48.41	8.51
2,646	9,485	32,762	32,673	89	37.60	47.52	9.50
723	11,948	36,523	36,676	153	31.90	46.05	8.41
1,703	4,456	13,918	14,189	271	37.85	47.18	8.59
5,287	24,528	74,853	74,603	250	35.21	47.38	8.39
4,360	20,204	59,146	59,339	193	32.40	44.25	8.05
10,976	80,419	273,469	276,174	2,705	37.73	50.57	9.35
9,064	55,186	182,275	179,185	3,090	36.82	49.28	9.08
114,070	464,184	1,372,942	1,379,841	6,899	34.90	46.84	8.13
21,790	94,914	295,196	295,496	300	35.53	47.21	8.55
10,240	84,503	256,844	257,583	739	35.04	49.28	8.36
7,491	65,439	194,555	194,240	315	31.97	45.52	8.18
152,670	1,028,638	2,882,763	2,865,451	17,312	32.73	47.01	7.71
2,278	9,077	28,201	28,382	181	35.21	46.38	8.54
1,382	11,666	36,088	36,270	182	32.40	45.31	8.51
6,418	32,810	102,437	101,564	873	37.71	50.79	8.59
2,553	14,054	42,124	42,524	400	35.21	48.43	8.24
8,193	22,914	73,234	72,549	685	38.31	47.95	8.79
8,711	47,714	149,272	145,308	3,964	35.56	48.12	8.60
4,024	17,081	55,865	56,128	263	34.33	44.78	8.99
4,872	30,841	82,370	82,971	601	31.90	46.57	7.34
4,345	20,919	67,726	68,680	954	37.71	49.92	8.90
4,567	13,805	49,055	49,300	245	37.71	46.45	9.77
2,762	9,342	30,631	30,805	174	37.71	48.02	9.02
1,839	20,923	61,937	62,464	527	32.56	47.04	8.14
2,982	21,454	68,440	69,023	583	35.21	48.21	8.77
1,587	4,164	13,525	13,666	141	37.76	46.64	8.93
802	2,921	10,163	9,939	224	35.21	44.48	9.57
47,333	105,539	284,532	287,693	3,161	34.99	43.98	7.41
12,494	44,906	150,725	150,877	152	35.55	45.28	9.23
25,344	106,469	331,982	336,703	4,721	34.90	46.17	8.57
4,047,617	13,973,329	37,884,002	38,246,632	362,630	34.52	46.77	7.46
2,620	9,845	31,248	30,733	515	35.21	45.78	8.73
61,102	336,293	901,829	905,294	3,465	32.40	46.62	7.37

STATEMENT OF THE ALLOCATION OF THE
for the Year

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDI- ZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Tweed.....	1,997.4	10,381.5	58,470	5,190	2,380	252	999
Uxbridge.....	3,404.3	18,052.4	99,654	8,920	.....	45	1,702
Vankleek Hill.....	1,295.2	6,259.7	37,914	3,326	3,705	.....	648
Vaughan Twp.....	26,722.2	166,885.6	702,075	69,967	3,111	15,773	80,167
Victoria Harbour.....	808.1	4,393.6	23,656	2,075	2,312	.....	404
Walkerton.....	5,679.2	30,739.7	166,249	14,882	.....	3,877	2,840
Wallaceburg.....	19,918.4	113,296.8	583,073	52,195	.....	5,616	59,755
Wardsville.....	268.3	1,523.8	7,854	689	768	89	805
Warkworth.....	431.0	2,260.8	12,617	1,107	1,233	.....	216
Wasaga Beach.....	1,306.2	6,201.6	38,237	3,354	3,737	.....	653
Waterdown.....	1,660.9	9,321.4	48,619	4,265	4,751	.....	4,983
Waterford.....	2,035.3	9,839.5	59,580	5,250	4,554	102	6,106
Waterloo.....	42,437.2	261,092.2	1,242,269	3,675	1,651	.....	127,312
Watford.....	1,915.2	10,095.5	56,064	4,966	2,882	43	5,746
Waubaushene.....	542.6	2,881.6	15,884	1,393	1,552	.....	271
Webbwood.....	301.5	1,591.2	8,827	790	.....	.....	.....
Welland.....	39,012.1	220,445.5	1,142,007	102,205	.....	.....	117,036
Wellesley.....	651.5	3,141.2	19,072	1,673	1,864	.....	1,955
Wellington.....	809.1	4,243.9	23,685	2,078	2,315	.....	405
West Lorne.....	1,546.2	7,416.0	45,262	3,971	4,423	.....	4,639
Westport.....	561.5	3,143.1	16,437	1,442	1,606	.....	281
Wheatley.....	1,134.9	6,184.3	33,221	2,914	3,247	.....	3,405
Whitby.....	24,304.7	146,121.7	711,475	63,525	5,361	8,648	12,152
Warton.....	1,910.5	10,987.2	55,925	4,906	5,465	.....	955
Williamsburg.....	308.7	1,484.0	9,036	793	883	.....	154
Winchester.....	2,188.1	13,252.0	64,053	5,647	4,719	168	1,094
Windermere.....	228.9	1,030.8	6,701	600	.....	.....	114
Windsor.....	186,959.9	1,120,306.0	5,472,902	489,917	.....	305	560,880
Wingham.....	4,020.3	21,966.7	117,686	10,535	.....	1,171	2,010
Woodbridge.....	2,567.9	15,927.2	75,170	6,615	6,198	.....	7,704
Woodstock.....	32,878.5	192,779.0	962,457	86,156	.....	.....	98,636
Woodville.....	338.7	1,732.8	9,914	870	969	.....	169
Wyoming.....	938.1	4,680.2	27,462	2,409	2,684	83	2,814
Ycrk.....	99,467.5	630,577.6	2,911,725	260,649	.....	133	298,403
Zurich.....	643.5	3,420.5	18,836	1,652	1,841	.....	1,931
Total Municipalities.....	5,934,425.9	36,126,529.9	173,719,177	14,441,827	856,613	940,701	13,946,436

COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1969

RETURN ON EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per kw	\$ per kw	Mills per Kwh
\$	\$	\$	\$	\$			
5,635	28,549	90,205	94,125	3,920	33.70	45.16	8.69
8,855	49,644	151,110	152,605	1,495	32.41	44.39	8.37
1,907	17,214	60,900	60,683	217	35.21	47.02	9.73
24,761	458,935	1,305,267	1,312,508	7,241	32.61	48.84	7.82
2,026	12,082	38,503	38,660	157	35.21	47.64	8.76
14,037	84,534	258,345	259,800	1,455	33.08	45.49	8.40
60,049	311,566	952,156	961,113	8,957	35.18	47.81	8.40
1,098	4,190	13,297	13,201	96	38.04	49.56	8.73
1,508	6,217	19,882	19,872	10	35.21	46.13	8.79
2,240	17,054	60,795	60,951	156	35.21	46.55	9.80
5,360	25,633	82,891	84,077	1,186	37.71	49.91	8.89
7,319	27,058	95,331	97,260	1,929	37.15	46.84	9.69
89,741	718,003	2,003,169	2,002,563	606	32.40	47.20	7.67
7,266	27,763	90,198	91,095	897	36.40	47.10	8.93
1,687	7,924	25,337	25,357	20	35.21	46.69	8.79
436	4,376	13,557	13,587	30	31.90	44.96	8.52
114,956	606,225	1,852,517	1,870,384	17,867	34.90	47.49	8.40
2,798	8,638	30,404	30,632	228	37.71	46.67	9.68
3,642	11,670	36,511	36,697	186	35.21	45.13	8.60
6,511	20,394	72,178	72,031	147	37.71	46.68	9.73
2,116	8,643	26,293	26,396	103	35.21	46.82	8.37
4,833	17,007	54,961	55,209	248	37.71	48.43	8.89
50,544	401,834	1,152,451	1,155,892	3,441	32.98	47.42	7.89
6,930	30,215	90,536	90,275	261	35.21	47.39	8.24
1,549	4,081	13,398	13,496	98	35.21	43.40	9.03
6,614	36,443	105,510	106,727	1,217	34.60	48.22	7.96
907	2,835	9,343	9,536	193	32.40	40.82	9.06
721,478	3,080,841	8,883,367	8,944,069	60,702	34.90	47.51	7.93
13,405	60,408	178,405	179,692	1,287	32.69	44.38	8.12
10,849	43,800	128,638	129,460	822	37.26	50.10	8.08
108,631	530,142	1,568,760	1,586,040	17,280	34.90	47.72	8.14
1,499	4,765	15,188	15,353	165	35.21	44.84	8.77
2,473	12,870	45,849	45,639	210	37.80	48.87	9.80
345,876	1,734,088	4,859,122	4,894,028	34,906	34.90	48.85	7.71
2,868	9,406	30,798	30,956	158	37.71	47.86	9.00
17,573,058	99,347,958	285,679,654	287,194,313	1,514,659	.....	.....	.....

See notes on following page.

NOTES

1. Certain functions in the production and supply of power are considered to be used by all customers in relation to kilowatt demand requirements. Therefore the associated costs are allocated at a common rate to all customers.
2. Stage I transformation and metering costs are those associated with transformation at high-voltage stations from 115 kv to a voltage less than 115 kv but exceeding 10 kv. These costs are allocated on a kilowatt basis to all customers requiring the service.
Stage II transformation and metering costs are those associated with transformation at low-voltage stations from 44 kv, 27.6 kv, 13.8 kv or similar voltages to a delivery voltage of less than 10 kv. These costs are allocated on a kilowatt basis to all customers requiring the service.
3. Special facilities costs are those associated with line facilities within a municipality's boundaries, that serve only that municipality, and the charges for providing standby facilities for municipalities requiring that service.
4. Frequency standardization assessments are made to customers of the former Southern Ontario System at the rate of \$3.00 per kilowatt to all customers who were converted to 60-cycle frequency, and \$.50 per kilowatt to all non-converted 60-cycle customers.
5. Return on equity is calculated at 4% on equities accumulated through debt retirement charges after giving recognition to direct customers' contributions for debt retirement prior to 1966. The cost of providing the return on equity is included in common demand costs.
6. The portion of the cost of power attributable to producing energy, rather than meeting demand requirements, has been classified as energy costs. For allocation purposes, this cost has been established at 2.75 mills per kwh.
7. The demand cost is the per kilowatt cost of primary power, exclusive of energy cost.
8. The asterisk indicates that this particular utility operates its own generating facilities for the supply of part of its power requirement. The amounts shown in this statement relate only to the power and energy supplied by The Hydro-Electric Power Commission of Ontario. For more complete details on the cost of providing service within any municipal electrical utility, the reader is referred to the statements in the Municipal Electrical Service Supplement.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENT OF THE ALLOCATION OF THE COST OF
PRIMARY POWER

for the Year Ended December 31, 1969

	MUNICIPALITIES	POWER DISTRICT		TOTAL
		Retail Customers (Note 1)	Direct Customers	
	\$	\$	\$	\$
COST OF PRIMARY POWER				
Cost, excluding items shown below.....	247,075,347	101,895,086	67,557,624	416,528,057
Frequency standardization assessments (Note 2).....	13,946,436	1,691,169	1,100,022	16,737,627
Cost of return on equity.....	17,439,381	5,083,513	4,499,926	27,022,820
Return on equity.....	17,573,058	5,037,738	4,412,024	27,022,820
Total before reserve provision.....	260,888,106	103,632,030	68,745,548	433,265,684
Provision and interest—reserve for stabilization of rates and contingencies...	24,791,548	4,820,571	6,397,025	36,009,144
Cost of primary power allocated to customers..	285,679,654	108,452,601	75,142,573	469,274,828
AMOUNTS BILLED FOR PRIMARY POWER.....	287,194,313	109,991,769	73,258,580	470,444,662
EXCESS (Deficiency) OF AMOUNTS BILLED OVER COSTS.....				
Credited to Municipalities.....	1,514,659	.....	.....	1,514,659
Withdrawal from the reserve for stabilization of rates and contingencies, retail and direct customers, to offset net deficit on sales to these customers.....	.....	1,539,168	1,883,993	344,825

NOTES

1. The cost of primary power allocated to retail customers totalling \$108,452,601 includes retail distribution costs of \$49,519,182.

2. See note 2 on page 25.

STATEMENT OF EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1969

Municipality	Balance at December 31, 1968	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1969
	\$	\$	\$	\$
Acton.....	640,843	27,975	.....	668,818
Ailsa Craig.....	67,904	2,067	.....	69,971
Ajax.....	441,040	54,540	.....	495,580
Alexandria.....	280,459	19,858	.....	300,317
Alfred.....	38,399	4,771	.....	43,170
Alliston.....	287,250	19,254	.....	306,504
Almonte.....	157,668	13,319	.....	170,987
Alvinston.....	70,244	1,822	.....	72,066
Amherstburg.....	517,565	26,512	.....	544,077
Ancaster Twp.....	249,720	13,760	.....	263,480
Apple Hill.....	19,996	893	.....	20,889
Arkona.....	52,458	1,558	.....	54,016
Arnprior.....	482,524	35,590	.....	518,114
Arthur.....	123,161	5,885	.....	129,046
Athens.....	64,812	3,389	.....	68,201
Atikokan Twp.....	327,797	17,584	.....	345,381
Aurora.....	495,278	48,109	237	543,624
Avonmore.....	12,653	948	.....	13,601
Aylmer.....	508,855	26,671	.....	535,526
Ayr.....	113,779	5,457	.....	119,236
Baden.....	158,246	5,123	.....	163,369
Bancroft.....	106,035	9,246	.....	115,281
Barrie.....	2,026,608	155,841	.....	2,182,449
Barry's Bay.....	40,613	4,905	.....	45,518
Bath.....	38,852	2,669	.....	41,521
Beachburg.....	26,041	2,322	.....	28,363
Beachville.....	305,750	12,223	.....	317,973
Beamsville.....	195,096	13,679	.....	208,775
Beaverton.....	156,230	8,403	.....	164,633
Becton.....	90,093	3,642	.....	93,735
Belle River.....	113,460	7,791	.....	121,251
Belleville.....	2,597,421	151,391	.....	2,748,812
Belmont.....	41,132	5,984	.....	47,116
Blenheim.....	259,225	11,577	.....	270,802
Bloomfield.....	65,796	2,952	.....	68,748
Blyth.....	99,026	4,831	.....	103,857
Bobcaygeon.....	77,862	7,455	.....	85,317
Bolton.....	143,465	10,461	158	154,084
Bothwell.....	79,083	2,898	.....	81,981
Bowmanville.....	910,088	51,143	.....	961,231
Bracebridge.....	27,690	8,246	.....	35,936
Bradford.....	216,084	12,844	.....	228,928
Braeside.....	99,278	9,524	.....	108,802
Brampton.....	1,893,905	181,105	.....	2,075,010
Brantford.....	7,161,495	306,024	.....	7,467,519

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1969

Municipality	Balance at December 31, 1968	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1969
	\$	\$	\$	\$
Brantford Twp.....	585,208	49,238	.....	634,446
Brechin.....	27,426	845	.....	28,271
Bridgeport.....	108,291	7,251	.....	115,542
Brigden.....	55,266	1,515	.....	56,781
Brighton.....	190,377	11,707	.....	202,084
Brockville.....	1,988,082	109,461	.....	2,097,543
Brussels.....	107,016	3,712	.....	110,728
Burford.....	113,074	4,719	.....	117,793
Burgessville.....	33,842	1,410	.....	35,252
Burk's Falls.....	58,087	5,490	.....	63,577
Burlington.....	2,552,979	326,912	.....	2,879,891
Cache Bay.....	33,813	1,471	.....	35,284
Caledonia.....	165,555	7,485	.....	173,040
Campbellford.....	54,623	10,161	.....	64,784
Campbellville.....	24,996	931	.....	25,927
Cannington.....	103,168	4,649	.....	107,817
Capreol.....	168,249	11,981	.....	180,230
Cardinal.....	116,402	4,819	.....	121,221
Carleton Place.....	601,486	21,330	.....	622,816
Casselman.....	57,348	5,585	.....	62,933
Cayuga.....	78,867	3,809	.....	82,676
Chalk River.....	36,530	2,784	.....	39,314
Chapleau Twp.....	56,024	10,887	.....	66,911
Chatham.....	3,108,332	169,628	83	3,278,043
Chatsworth.....	41,283	1,595	.....	42,878
Chesley.....	231,027	7,545	.....	238,572
Chesterville.....	190,940	8,502	.....	199,442
Chippawa.....	160,113	9,797	.....	169,910
Clifford.....	62,105	2,203	.....	64,308
Clinton.....	342,962	14,004	.....	356,966
Cobden.....	65,186	3,849	.....	69,035
Cobourg.....	1,117,965	77,949	.....	1,195,914
Cochrane.....	175,246	18,613	.....	193,859
Colborne.....	110,050	7,099	.....	117,149
Coldwater.....	88,750	4,596	.....	93,346
Collingwood.....	974,312	63,881	.....	1,038,193
Comber.....	75,867	1,902	.....	77,769
Coniston.....	56,604	7,469	.....	64,073
Cookstown.....	51,751	2,966	.....	54,717
Cottam.....	42,138	1,690	.....	43,828
Courtright.....	35,860	1,520	.....	37,380
Creemore.....	79,434	3,566	.....	83,000
Dashwood.....	55,308	2,148	.....	57,456
Deep River.....	206,909	24,658	.....	231,567
Delaware.....	33,819	1,500	.....	35,319

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1969

Municipality	Balance at December 31, 1968	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1969
	\$	\$	\$	\$
Delhi.....	257,966	16,122	.....	274,088
Deseronto.....	129,927	6,941	.....	136,868
Dorchester.....	60,815	3,103	.....	63,918
Drayton.....	75,675	2,725	.....	78,400
Dresden.....	240,188	13,367	.....	253,555
Drumbo.....	44,245	1,458	.....	45,703
Dryden.....	262,037	24,644	.....	286,681
Dublin.....	38,671	1,814	.....	40,485
Dundalk.....	100,112	5,301	.....	105,413
Dundas.....	1,103,733	65,055	.....	1,168,788
Dunnville.....	560,931	23,271	.....	584,202
Durham.....	231,447	11,111	.....	242,558
Dutton.....	96,988	2,224	.....	99,212
East York.....	4,424,050	383,229	2,833,453*	7,640,732
Eganville.....	43,020	4,948	.....	47,968
Elmira.....	595,372	32,138	.....	627,510
Elmvale.....	96,965	5,382	.....	102,347
Elmwood.....	33,911	1,163	.....	35,074
Elora.....	186,992	6,237	.....	193,229
Embro.....	67,442	2,719	.....	70,161
Embrun.....	39,765	6,232	.....	45,997
Erieau.....	69,327	2,642	.....	71,969
Erie Beach.....	12,291	531	.....	12,822
Erin.....	53,842	5,731	.....	59,573
Espanola.....	109,710	19,520	.....	129,230
Essex.....	271,406	13,499	.....	284,905
Etobicoke.....	16,782,991	1,405,835	.....	18,188,826
Exeter.....	348,190	15,175	.....	363,365
Fenelon Falls.....	9,177	6,293	.....	15,470
Fergus.....	589,110	39,527	.....	628,637
Finch.....	43,260	1,643	.....	44,903
Flesherton.....	51,331	3,574	.....	54,905
Fonthill.....	133,252	8,210	.....	141,462
Forest.....	261,362	10,076	.....	271,438
Fort William.....	7,529,331	207,288	.....	7,736,619
Frankford.....	66,570	6,327	.....	72,897
Galt.....	3,870,178	192,356	.....	4,062,534
Georgetown.....	992,188	65,465	.....	1,057,653
Glencoe.....	123,237	4,958	.....	128,195
Gloucester Twp.....	734,568	128,259	.....	862,827
Goderich.....	897,174	39,260	.....	936,434
Grand Bend.....	92,955	4,895	.....	97,850
Grand Valley.....	86,525	3,660	.....	90,185
Granton.....	32,566	1,002	.....	33,568
Gravenhurst.....	363,106	15,874	.....	378,980

* Transfer of Leaside equity from Toronto to Borough of East York.

STATEMENT OF EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1969

Municipality	Balance at December 31, 1968	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1969
	\$	\$	\$	\$
Grimsby.....	309,105	21,313		330,418
Guelph.....	5,110,965	343,307		5,454,272
Hagersville.....	379,307	11,919		391,226
Hamilton.....	49,402,463	2,560,337		51,962,800
Hanover.....	603,740	32,764		636,504
Harriston.....	227,697	8,871		236,568
Harrow.....	237,341	9,928		247,269
Hastings.....	61,898	3,540		65,438
Havelock.....	96,154	4,046		100,200
Hawkesbury.....	252,783	39,577	768	293,128
Hearst.....	154,056	18,397		172,453
Hensall.....	128,939	5,432		134,371
Hespeler.....	932,504	39,866		972,370
Highgate.....	46,368	1,660		48,028
Holstein.....	18,374	701		19,075
Huntsville.....	461,423	18,381		479,804
Ingersoll.....	1,065,355	35,841		1,101,196
Iroquois.....	89,611	5,676		95,287
Jarvis.....	86,258	2,281		88,539
Kapuskasing.....	254,850	26,848		281,698
Kemptville.....	234,624	13,264		247,888
Kenora.....	71,460	44,879		116,339
Killaloe Station.....	25,046	2,209		27,255
Kincardine.....	379,271	14,290		393,561
King City.....	61,274	7,009		68,283
Kingston.....	4,537,437	272,252		4,809,689
Kingsville.....	316,653	14,318		330,971
Kirkfield.....	18,758	747		19,505
Kitchener.....	10,116,125	584,792	22,537	10,723,454
Lakefield.....	186,686	9,955		196,641
Lambeth.....	119,072	7,485		126,557
Lanark.....	56,164	2,976		59,140
Lancaster.....	43,758	2,168		45,926
Larder Lake Twp.....	71,593	4,436		76,029
Latchford.....	12,968	1,394		14,362
Leamington.....	923,749	46,195		969,944
Lindsay.....	1,307,718	71,000		1,378,718
Listowel.....	568,131	24,534		592,665
London.....	16,202,664	903,507		17,106,171
L'Orignal.....	35,408	4,142		39,550
Lucan.....	104,508	4,150		108,658
Lucknow.....	154,382	5,079		159,461
Lynden.....	57,648	2,310		59,958
Madoc.....	125,452	6,374		131,826
Magnetawan.....	9,102	754		9,856

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1969

Municipality	Balance at December 31, 1968	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1969
	\$	\$	\$	\$
Markdale.....	99,728	5,301	.....	105,029
Markham.....	348,588	42,000	.....	390,588
Marmora.....	92,166	5,085	.....	97,251
Martintown.....	21,094	866	.....	21,960
Massey.....	34,464	4,130	.....	38,594
Maxville.....	79,024	3,847	.....	82,871
McGarry Twp.....	71,967	4,140	.....	76,107
Meaford.....	393,520	21,667	.....	415,187
Merlin.....	62,680	2,485	.....	65,165
Merrickville.....	44,217	3,723	.....	47,940
Midland.....	1,362,834	63,696	18,299	1,444,829
Mildmay.....	63,303	2,792	.....	66,095
Millbrook.....	51,784	2,990	.....	54,774
Milton.....	648,959	37,598	610	687,167
Milverton.....	196,370	5,587	.....	201,957
Mississauga.....	5,908,329	790,187	.....	6,698,516
Mitchell.....	310,070	13,888	.....	323,958
Moorefield.....	42,428	1,744	.....	44,172
Morrisburg.....	142,594	8,854	.....	151,448
Mount Brydges.....	57,275	3,229	.....	60,504
Mount Forest.....	285,580	14,465	.....	300,045
Napanee.....	513,900	20,924	.....	534,824
Nepean Twp.....	1,223,633	251,488	.....	1,475,121
Neustadt.....	45,567	2,160	.....	47,727
Newboro.....	10,050	985	.....	11,035
Newburg.....	24,500	1,777	.....	26,277
Newbury.....	26,466	1,376	.....	27,842
Newcastle.....	100,272	7,067	.....	107,339
New Hamburg.....	271,953	11,871	.....	283,824
Newmarket.....	607,044	47,631	.....	654,675
Niagara.....	266,730	10,476	.....	277,206
Niagara Falls.....	4,791,974	228,460	.....	5,020,434
Nipigon Twp.....	194,901	9,620	.....	204,521
North Bay.....	2,579,180	188,537	.....	2,767,717
North York.....	15,938,566	1,886,655	.....	17,825,221
Norwich.....	180,005	4,999	.....	185,004
Norwood.....	82,562	4,074	.....	86,636
Oakville.....	3,744,752	451,323	.....	4,196,075
Oil Springs.....	89,620	1,919	.....	91,539
Omeme.....	52,997	2,642	.....	55,639
Orangeville.....	466,782	29,075	.....	495,857
Orillia.....	538,370	61,957	.....	600,327
Orono.....	55,886	4,183	.....	60,069
Oshawa.....	8,318,362	552,461	.....	8,870,823
Ottawa.....	15,001,827	1,563,839	.....	16,565,666

STATEMENT OF EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1969

Municipality	Balance at December 31, 1968	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1969
	\$	\$	\$	\$
Otterville.....	61,157	2,317	.....	63,474
Owen Sound.....	1,925,726	96,359	.....	2,022,085
Paisley.....	82,682	3,395	.....	86,077
Palmerston.....	236,419	7,334	.....	243,753
Paris.....	650,707	26,433	.....	677,140
Parkhill.....	144,083	5,637	.....	149,720
Parry Sound.....	218,678	20,791	.....	239,469
Pembroke.....	41,452	26,791	.....	68,243
Penetanguishene.....	405,653	19,490	.....	425,143
Perth.....	641,383	27,304	.....	668,687
Peterborough.....	5,128,565	304,846	.....	5,433,411
Petrolia.....	465,911	15,889	.....	481,800
Pickering.....	51,166	6,318	.....	57,484
Picton.....	568,349	22,201	.....	590,550
Plantagenet.....	31,663	4,284	.....	35,947
Plattsville.....	87,525	4,824	.....	92,349
Point Edward.....	646,142	33,675	.....	679,817
Port Arthur.....	12,672,735	264,993	.....	12,937,728
Port Burwell.....	35,150	1,590	.....	36,740
Port Colborne.....	1,137,471	62,797	.....	1,200,268
Port Credit.....	1,043,190	80,203	.....	1,123,393
Port Dover.....	279,912	11,202	.....	291,114
Port Elgin.....	208,833	12,791	.....	221,624
Port Hope.....	1,904,358	48,386	.....	1,052,744
Port McNicoll.....	123,917	5,921	.....	129,838
Port Perry.....	197,585	12,651	.....	210,236
Port Rowan.....	55,704	2,170	.....	57,874
Port Stanley.....	232,396	6,284	.....	238,680
Prescott.....	487,219	22,510	.....	509,729
Preston.....	1,526,240	70,099	10,750	1,607,089
Priceville.....	8,041	394	.....	8,435
Princeton.....	57,155	1,852	.....	59,007
Queenston.....	51,495	2,008	.....	53,503
Rainy River.....	38,167	4,548	.....	42,715
Red Rock.....	82,848	4,969	.....	87,817
Renfrew.....	380,669	30,385	.....	411,054
Richmond.....	66,379	7,346	.....	73,725
Richmond Hill.....	810,688	75,781	.....	886,469
Ridgetown.....	262,618	10,787	.....	273,405
Ripley.....	60,413	2,247	.....	62,660
Rockland.....	87,596	9,133	.....	96,729
Rockwood.....	71,465	3,204	.....	74,669
Rodney.....	92,009	3,337	.....	95,346
Rosseau.....	25,355	1,065	.....	26,420
Russell.....	47,619	2,555	.....	50,174

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1969

Municipality	Balance at December 31, 1968	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1969
	\$	\$	\$	\$
St. Catharines.....	10,626,520	646,811	.....	11,273,331
St. Clair Beach.....	75,112	5,852	.....	80,964
St. George.....	85,834	3,551	.....	89,385
St. Jacobs.....	109,532	4,397	.....	113,929
St. Mary's.....	1,011,356	21,224	.....	1,032,580
St. Thomas.....	2,818,213	120,739	.....	2,938,952
Sandwich West.....	225,903	25,582	.....	251,485
Sarnia.....	8,743,708	257,795	.....	9,001,503
Scarborough.....	11,804,402	1,246,346	.....	13,050,748
Schreiber Twp.....	117,956	7,895	.....	125,851
Seaforth.....	298,674	10,405	.....	309,079
Shelburne.....	150,276	7,059	.....	157,335
Simcoe.....	1,077,793	60,366	.....	1,138,159
Sioux Lookout.....	216,594	11,159	.....	227,753
Smiths Falls.....	1,036,716	52,169	.....	1,088,885
Southampton.....	189,523	9,718	.....	199,241
South Grimsby Twp.....	72,237	3,215	.....	75,452
South River.....	18,331	3,699	.....	22,030
Springfield.....	46,842	1,376	.....	48,218
Stayner.....	144,504	7,366	.....	151,870
Stirling.....	119,087	6,233	.....	125,320
Stoney Creek.....	296,848	25,217	.....	322,065
Stouffville.....	246,644	17,247	.....	263,891
Stratford.....	3,124,554	136,679	.....	3,261,233
Strathroy.....	595,934	29,151	.....	625,085
Streetsville.....	276,885	24,298	.....	301,183
Sturgeon Falls.....	190,897	19,929	.....	210,826
Sudbury.....	3,900,854	285,955	.....	4,186,809
Sunderland.....	62,316	2,835	.....	65,151
Sundridge.....	37,233	3,714	.....	40,947
Sutton.....	175,506	9,405	.....	184,911
Tara.....	69,615	4,056	.....	73,671
Tavistock.....	225,568	7,123	.....	232,691
Tecumseh.....	237,590	14,463	.....	252,053
Teeswater.....	109,913	5,817	.....	115,730
Terrace Bay Twp.....	155,123	8,246	.....	163,369
Thamesford.....	118,696	6,326	.....	125,022
Thamesville.....	125,144	4,924	.....	130,068
Thedford.....	75,737	2,974	.....	78,711
Thessalon.....	46,808	6,139	.....	52,947
Thornbury.....	80,596	6,619	.....	87,215
Thorndale.....	43,634	1,352	.....	44,986
Thornton.....	21,992	1,065	.....	23,057
Thorold.....	1,300,719	30,166	.....	1,330,885
Tilbury.....	342,380	15,522	.....	357,902

**STATEMENT OF EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES**

for the Year Ended December 31, 1969

Municipality	Balance at December 31, 1968	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1969
	\$	\$	\$	\$
Tillsonburg.....	691,894	33,522	.....	725,416
Toronto.....	114,031,638	3,776,583	2,833,453*	114,974,768
Tottenham.....	71,938	3,182	.....	75,120
Trenton.....	1,667,549	90,199	.....	1,757,748
Tweed.....	153,693	9,313	.....	163,006
Uxbridge.....	240,769	15,873	.....	256,642
Vankleek Hill.....	51,167	6,039	.....	57,206
Vaughan Twp.....	118,206	124,600	547,343	790,149
Victoria Harbour.....	55,142	3,768	.....	58,910
Walkerton.....	381,670	26,481	.....	408,151
Wallaceburg.....	1,639,167	92,875	399	1,732,441
Wardsville.....	30,160	1,251	.....	31,411
Warkworth.....	41,264	2,010	.....	43,274
Wasaga Beach.....	60,397	6,091	.....	66,488
Waterdown.....	146,505	7,744	.....	154,249
Waterford.....	200,266	9,490	.....	209,756
Waterloo.....	2,435,572	197,875	.....	2,633,447
Watford.....	198,881	8,930	.....	207,811
Waubashene.....	46,095	2,530	.....	48,625
Webbwood.....	11,097	1,406	.....	12,503
Welland.....	3,133,958	181,905	.....	3,315,863
Wellesley.....	76,748	3,038	.....	79,786
Wellington.....	99,992	3,773	.....	103,765
West Lorne.....	178,522	7,210	.....	185,732
Westport.....	57,910	2,618	.....	60,528
Wheatley.....	132,546	5,292	.....	137,838
Whitby.....	1,117,792	113,327	.....	1,231,119
Warton.....	189,730	8,908	.....	198,638
Williamsburg.....	42,529	1,439	.....	43,968
Winchester.....	180,514	10,203	.....	190,717
Windermere.....	24,820	1,067	.....	25,887
Windsor.....	19,768,496	871,751	.....	20,640,247
Wingham.....	366,724	18,746	.....	385,470
Woodbridge.....	297,514	11,974	.....	309,488
Woodstock.....	2,969,153	153,305	.....	3,122,458
Woodville.....	41,172	1,579	.....	42,751
Wyoming.....	67,419	4,374	.....	71,793
York.....	9,458,060	463,795	.....	9,921,855
Zurich.....	78,705	3,000	.....	81,705
Total Municipalities.....	483,759,424	27,670,875	601,184	512,031,483
Power District.....	191,811,079	15,457,655	601,184	206,667,550
TOTAL.....	675,570,503	43,128,530	.....	718,699,033

* Transfer of Leaside equity from Toronto to Borough of East York.

APPENDIX III—RURAL

The Commission distributes power and provides service to its rural system customers through 68 administrative Area Offices in the province. Retail customers are supplied under the following classes of service: Farm, Residential, Residential-Intermittent Occupancy, and General. The description of these classes of service and the rates applicable to them at December 31, 1969, are included in this appendix.

Description of Main Classes of Service

The farm class includes single-phase or three-phase electrical service to the farm residence and to all buildings and equipment used in the production and processing of farm products. In other words, for purposes of classification, a farm is a residence and a business. The business, which is agricultural production on a continuing basis, must be carried on at such a level as to ensure that the farm is a viable economic unit.

The term “agricultural production”, as used here, includes the work of cultivating soil, producing crops and raising livestock, as well as operations in nurseries, fur farms, hatcheries and egg production. Properties devoted solely to reforestation projects or the raising of Christmas trees, or having extensive acreage but not engaged in agricultural production are classified according to their use, but not as farms. Small properties of 30 acres and under are classified as residential,

unless they are operated for some intensive or specialized form of agricultural production, for example fruit farming, poultry raising, market gardening, or nurseries.

Service may be supplied under one farm service to all separate dwellings on the property and occupied by persons engaged in its operation. Additional dwellings occupied by persons otherwise engaged are regarded as residential.

The residential class is applicable to establishments used primarily for living accommodation, and considered to be the customer's permanent residence. There are two sub-classes of residential service for rate purposes — Group 1 (B), which is applicable to services in designated zones of high customer concentration where there are at least 100 customers of any class in a group, with a density of not less than 25 customers per mile of any line, and Group 2 (R), which is applicable elsewhere.

The residential intermittent-occupancy class is applicable to any self-contained residential establishment which is not regarded as the customer's permanent residence, where residential occupancy is not continuous throughout a large part of the year, but rather, seasonal or intermittent, whether in summer or winter, or both. As in the year-round residential class, there are two sub-classes of residential intermittent-occupancy service for rate purposes.

The general class is applicable to all community business, processing, or manufacturing establishments supplied with single-phase or three-phase electrical service at secondary, rural primary distribution, or subtransmission voltage, exclusive of those that fall within the definition of the farm class.

Rural Rate Structure

The net rates in effect at December 31, 1969, are given in the accompanying table. They are quoted on a monthly basis except the rates for residential intermittent-occupancy services, which are quoted on an annual basis. The table shows the number of kilowatt-hours in each energy block, and the rate applicable to each class of service. Bills are subject to a monthly minimum as shown or, for residential intermittent-occupancy service, to an annual minimum. Bills for farm and general accounts include a demand charge for kilowatts in excess of 50 and are subject to minima based on demands established in previous billing periods.

The all-electric rates in effect throughout the province apply only to year-round residential service where the sole source of energy is electricity, that is where electric energy exclusively is used day by day for space-heating, cooking, and water-heating through the use of a high-performance water-heater, having tank and element sizes acceptable to Ontario Hydro.

NET RATES AND TYPICAL BILLS FOR
RURAL ELECTRICAL SERVICE

(Subject to a 5 per cent late-payment charge)

Class and Designation	Electric Heating Separately Billed† ¢ per Kwh	Number of Kilowatt-Hours per Month Billed at Kwh Rate Shown (+ indicates all additional)											Minimum Charge per Month	Net Monthly Charge for			
		5.5¢	5.0¢	4.5¢	2.5¢	2.2¢	2.1¢	1.8¢	1.45¢	1.3¢	1.25¢	1.1¢		250 kwh	500 kwh		
▲Residential																	
GROUP 1																	
■B	1.1	..	..	50	..	..	200	..	..	500	..	+	\$2.75	\$6.45	\$9.70
††EB	...	..	..	..	..	..	..	50	..	1,200	..	+	\$2.75	\$3.50	\$6.75
GROUP 2																	
●■R2	1.25	..	50	..	..	200	..	..	500	..	+	..	\$2.50	\$6.90	\$10.53
■R	1.25	50	..	..	200	..	..	..	500	..	+	..	\$2.75	\$7.75	\$11.38
††ER	...	..	..	..	..	50	..	..	1,200	..	+	..	\$2.75	\$4.00	\$7.63
ANNUAL RATES																	
▲Residential Intermittent Occupancy		First 700 per Year	Balance of Kilowatt-Hours per Year at Kwh Rate Shown (+ indicates all additional)										Minimum Charge	Net Annual Charge for			
			2.5¢	2.1¢	1.45¢	1.3¢	1.25¢	1.1¢	0.8¢	1.25¢	1.1¢	1,000 kwh		3,000 kwh			
GROUP 1																	
1S1	...	\$40.00	..	800	..	3,000	..	..	..	..	+	..	\$40.00	\$46.30	\$76.30
††ES1	...	\$40.00	..	800	..	3,000	..	1,500	4,400	..	+	..	\$40.00	\$46.30	\$76.30		
GROUP 2																	
1S	...	\$40.00	800	..	3,000	..	..	..	..	+	..	..	\$40.00	\$47.50	\$81.75
††ES	...	\$40.00	800	..	3,000	..	1,500	..	3,000	..	+	..	\$40.00	\$47.50	\$81.75		

Class and Designation	First 50 kwh or less per month	Balance of Kilowatt-Hours per Month at Kwh Rate Shown (+ indicates all additional)							Demand Charge	Minimum Charge per Month	Net Monthly Charge Under 50 Kw for	
		3.1¢	2.6¢	1.55¢	1.35¢	0.55¢	0.44¢	0.33¢	First 50 kw per Month—No charge Balance—\$ Kw		250 kwh	500 kwh
General												
SINGLE-PHASE												
■IG2	\$2.75	....	200	1,000	+	....	....	....	....	\$2.75	\$7.95	\$11.83
■IG1	\$3.25	200	....	1,000	8,750	+	....	....	\$1.90	\$3.25	\$9.45	\$13.33
THREE-PHASE												
■IG3	\$8.25	200	....	1,000	8,750	190,000	800,000	+	\$1.90	\$8.25	\$14.45	\$18.33
Balance of Kilowatt-Hours per Month at Kwh Rate Shown (+ indicates all additional)												
Farm												
SINGLE-PHASE												
■IF1	\$2.75	200	500	9,250		+			\$1.90	\$2.75	\$8.15	\$11.90
THREE-PHASE												
■IF3	\$7.75	200	500	9,250		+			\$1.90	\$7.75	\$13.15	\$16.90

▲Under residential, and residential intermittent-occupancy, group 1 are customers in high-density areas and group 2 in low-density areas.

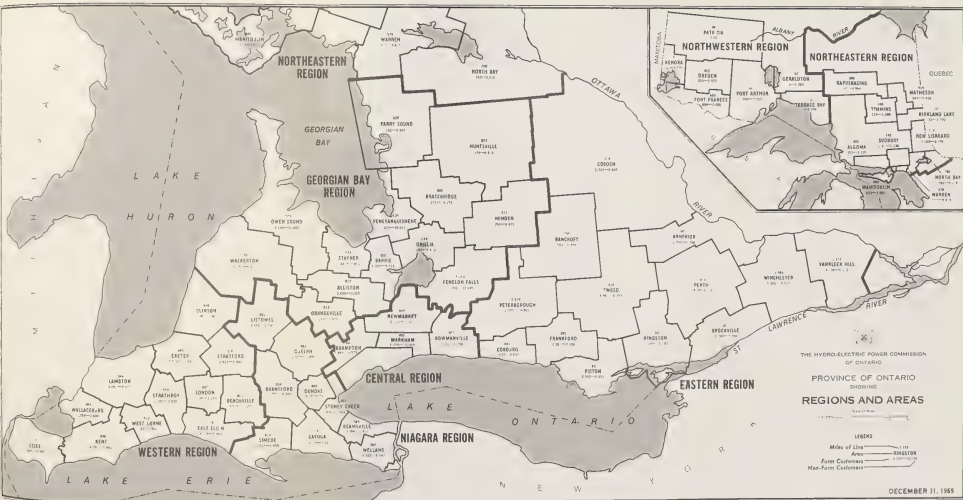
■Upon application to the Commission, customers under residential rates using an approved metered electric water-heater with tank and element size acceptable to Ontario Hydro shall have a block of 500 kwh at 0.8¢ per kwh inserted in the rate schedule immediately following the second block. Customers under general and farm rates having one or more similarly approved heaters shall have a block of 500 kwh inserted immediately following the second block, at 0.9¢ per kwh for general and 0.8¢ per kwh for farm. The succeeding energy blocks for the general and farm groups will then be reduced by 500 kwh respectively from the 8,750 and 9,250 kwh shown.

●Existing two-wire service only.

†Applicable only to existing separately billed electric heating service in apartment buildings and to separately metered electric heating in farm houses.

††All-electric rate for customers having an approved metered electric water-heater and using electricity as the sole source of energy for home heating and cooking.

○Plus 25¢ per kw for each kw in excess of 50, established as a peak during the previous 11 months.



MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1969

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Continuous Occupancy	Intermittent Occupancy	Year- Round	Seasonal	
NIAGARA							
Beamsville.....	589.21	3,064	6,456	187	760	8	10,475
Brantford.....	834.33	3,095	3,697	59	637	6	7,494
Cayuga.....	741.55	2,612	2,763	2,674	529	57	8,635
Dundas.....	403.68	1,619	6,069	.....	524	.....	8,212
Guelph.....	961.52	2,977	5,546	502	943	18	9,986
Listowel.....	881.94	3,586	1,767	421	537	5	6,316
Simcoe.....	824.05	3,621	4,313	1,849	546	100	10,429
Stoney Creek....	302.50	830	6,614	74	816	.....	8,334
Welland.....	584.11	1,325	6,307	1,394	765	76	9,867
Total.....	6,122.89	22,729	43,532	7,160	6,057	270	79,748
CENTRAL							
Bowmanville....	665.09	1,662	4,687	1,414	575	28	8,366
Brampton.....	641.61	1,449	8,961	183	822	13	11,428
Markham.....	490.98	1,090	13,709	166	1,470	24	16,459
Newmarket.....	914.65	2,763	12,722	3,758	1,291	130	20,664
Total.....	2,712.33	6,964	40,079	5,521	4,158	195	56,917

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1969

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Continuous Occupancy	Intermittent Occupancy	Year- Round	Seasonal	
WESTERN							
Beachville.....	801.64	3,038	2,622	46	483	4	6,193
Clinton.....	839.27	3,195	1,616	1,352	412	27	6,602
East Elgin.....	718.56	3,114	4,584	175	689	15	8,577
Essex.....	1,107.21	5,349	9,010	3,263	1,185	89	18,896
Exeter.....	685.70	2,712	1,297	637	315	19	4,980
Kent.....	1,098.39	4,291	3,853	1,115	838	54	10,151
Lambton.....	1,043.96	4,091	4,983	2,035	900	99	12,108
London.....	487.34	1,798	2,610	37	524	22	4,991
Stratford.....	687.51	2,927	1,520	21	401	.....	4,869
Strathroy.....	683.97	2,289	2,366	5	467	.....	5,127
Wallaceburg.....	483.97	1,759	1,712	443	449	.....	4,363
West Lorne.....	512.07	1,827	593	70	238	.....	2,728
Total.....	9,149.59	36,390	36,766	9,199	6,901	329	89,585
EASTERN							
Arnprior.....	607.21	1,250	4,165	2,036	546	51	8,048
Bancroft.....	797.73	583	1,919	4,492	470	.....	7,464
Brockville.....	902.83	2,299	4,470	2,095	825	.....	9,689
Cobden.....	1,376.06	2,542	5,979	2,521	993	154	12,189
Cobourg.....	641.23	1,635	3,066	1,341	408	82	6,532
Frankford.....	891.39	2,387	5,348	932	789	37	9,493
Kingston.....	1,185.39	2,224	8,996	2,918	1,216	.....	15,354
Perth.....	1,475.60	2,819	3,135	4,952	642	197	11,745
Peterborough.....	1,518.93	2,981	5,375	8,373	782	272	17,783
Pictou.....	783.32	2,542	3,644	1,563	544	140	8,433
Tweed.....	918.49	1,461	2,298	2,422	456	177	6,814
Vankleek Hill.....	1,172.07	4,138	3,975	1,261	953	23	10,350
Winchester.....	1,584.45	5,386	7,074	735	1,208	20	14,423
Total.....	13,854.70	32,247	59,444	35,641	9,832	1,153	138,317

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1969

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Continuous Occupancy	Intermittent Occupancy	Year- Round	Seasonal	
GEORGIAN BAY							
Alliston.....	911.74	3,086	2,472	488	399	10	6,455
Barrie.....	556.06	1,392	5,052	3,976	573	117	11,110
Bracebridge.....	984.31	273	2,905	10,425	497	328	14,428
Fenelon Falls....	1,162.71	2,451	3,378	8,311	571	235	14,946
Huntsville.....	852.85	379	2,760	5,038	484	292	8,953
Minden.....	631.09	290	2,109	6,138	437	191	9,165
Orangeville.....	813.46	2,189	2,874	603	487	11	6,164
Orillia.....	643.62	1,094	3,020	5,766	492	195	10,567
Owen Sound.....	1,584.28	4,249	4,026	6,688	917	261	16,141
Parry Sound....	628.90	156	1,946	3,407	358	236	6,103
Penetanguishene.	634.82	674	2,303	7,785	329	200	11,291
Stayner.....	533.09	1,447	2,520	4,722	404	223	9,316
Walkerton.....	1,755.47	6,585	2,679	2,472	825	99	12,660
Total.....	11,692.40	24,265	38,044	65,819	6,773	2,398	137,299
NORTHEASTERN							
Algoma.....	399.87	355	4,076	447	647	59	5,584
Kapuskasing....	396.49	247	4,034	398	520	12	5,211
Kirkland Lake...	156.77	32	1,045	491	216	18	1,802
Manitoulin.....	650.06	832	2,177	1,079	596	130	4,814
Matheson.....	519.21	543	1,637	467	306	8	2,961
New Liskeard...	713.96	1,185	1,995	622	561	1	4,364
North Bay.....	780.07	765	3,079	1,518	441	181	5,984
Sudbury.....	742.28	216	12,432	1,728	1,045	33	15,454
Timmins.....	188.22	124	1,172	167	246	3	1,712
Warren.....	578.82	777	2,426	1,681	399	109	5,392
Total.....	5,125.75	5,076	34,073	8,598	4,977	554	53,278

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1969

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Continuous Occupancy	Intermittent Occupancy	Year- Round	Seasonal	
NORTHWESTERN							
Dryden.....	402.12	203	1,915	566	367	74	3,125
Fort Frances....	660.21	814	1,280	373	385	52	2,904
Geraldton.....	162.15	2	917	43	309	14	1,285
Kenora.....	340.90	52	1,438	1,713	261	163	3,627
Patricia.....	28.25	.....	1,269	.....	338	.....	1,607
Port Arthur.....	950.79	840	4,392	1,985	661	27	7,905
Terrace Bay.....	117.65	.....	1,101	76	261	18	1,456
Total.....	2,662.07	1,911	12,312	4,756	2,582	348	21,909

SUMMARY—MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS
as at December 31, 1969

REGIONS BY SYSTEMS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS					
		Farm	Residential		General		Total
			Continuous Occupancy	Intermittent Occupancy	Year- Round	Seasonal	
EAST SYSTEM							
Niagara.....	6,122.89	22,729	43,532	7,160	6,057	270	79,748
Central.....	2,712.33	6,964	40,079	5,521	4,158	195	56,917
Western.....	9,149.59	36,390	36,766	9,199	6,901	329	89,585
Eastern.....	13,854.70	32,247	59,444	35,641	9,832	1,153	138,317
Georgian Bay....	11,692.40	24,265	38,044	65,819	6,773	2,398	137,299
Northeastern....	5,125.75	5,076	34,073	8,598	4,977	554	53,278
Total.....	48,657.66	127,671	251,938	131,938	38,698	4,899	555,144
WEST SYSTEM							
Northwestern....	2,662.07	1,911	12,312	4,756	2,582	348	21,909
Grand Total...	51,319.73	129,582	264,250	136,694	41,280	5,247	577,053

Rural Electrical Service
CUSTOMERS, REVENUE, AND CONSUMPTION, BY CLASSES OF SERVICE

Class of Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
*Farm.....	1960	16,688,958	850,192,892	140,782	503	1.96
	1961	17,367,400	909,189,400	138,924	542	1.91
	1962	17,975,845	971,696,100	137,954	585	1.85
	1963	19,086,801	1,058,604,500	136,864	642	1.80
	1964	19,447,674	1,090,954,900	135,680	667	1.78
	1965	20,408,010	1,170,321,600	134,484	722	1.74
	1966	21,140,330	1,226,165,263	133,112	764	1.72
	1967	22,373,234	1,332,360,300	132,235	837	1.68
	1968	23,763,112	1,403,287,300	130,166	891	1.69
	1969	26,724,471	1,490,465,400	129,290	957	1.79
*Rural, and Suburban Residential	1960	20,151,434	1,070,637,716	221,915	405	1.88
	1961	20,494,966	1,096,653,000	205,822	427	1.87
	1962	21,366,479	1,153,182,400	215,857	456	1.85
	1963	23,616,431	1,299,169,800	224,024	492	1.82
	1964	24,563,281	1,364,958,200	220,199	512	1.80
	1965	25,686,192	1,459,057,800	220,617	552	1.76
	1966	26,365,167	1,570,966,227	227,909	584	1.68
	1967	28,967,165	1,797,122,700	238,386	642	1.61
	1968	32,353,023	1,992,463,900	245,009	687	1.62
	1969	39,313,409	2,269,511,600	264,250	738	1.73
*Commercial..... (including Summer Commercial)	1960	6,099,889	301,874,591	38,887	653	2.02
	1961	6,425,565	324,871,900	38,496	700	1.98
	1962	6,739,668	343,061,600	39,574	732	1.96
	1963	7,423,798	383,400,200	40,509	798	1.94
	1964	7,821,307	407,033,500	40,525	837	1.92
	1965	8,355,580	435,773,100	40,506	896	1.92
	1966	8,654,367	478,810,358	40,363	987	1.81
	1967	9,077,859	515,704,600	40,560	1,062	1.76
	1968	9,887,524	562,106,300	40,335	1,158	1.76
	1969	11,690,421	643,275,400	42,027	1,290	1.82
*Residential—..... Intermittent Occupancy	1960	4,141,665	67,785,615	95,196	61	6.11
	1961	4,358,812	74,693,800	99,032	64	5.84
	1962	4,613,953	83,051,000	103,415	68	5.56
	1963	4,979,590	96,694,400	108,077	76	5.15
	1964	5,225,074	105,483,200	112,445	80	4.95
	1965	5,624,928	122,354,200	116,326	89	4.60
	1966	5,835,789	130,845,233	120,611	92	4.46
	1967	6,229,861	148,971,200	125,207	101	4.18
	1968	6,815,172	181,449,700	131,003	118	3.76
	1969	7,645,109	208,120,000	136,694	130	3.67
Industrial Power.....	1960	5,017,774	325,416,458	2,511	11,215	1.54
	1961	5,414,240	354,069,300	2,475	11,835	1.53
	1962	6,236,466	418,959,700	2,762	13,333	1.49
	1963	7,840,887	555,322,000	3,036	15,963	1.41
	1964	9,782,441	779,264,700	3,139	21,033	1.26
	1965	10,997,087	907,222,800	3,271	23,589	1.21
	1966	10,082,027	977,967,494	3,549	23,900	1.03
	1967	10,546,055	1,071,004,500	3,986	23,690	0.98
	1968	11,665,809	1,162,315,200	4,172	23,746	1.00
	1969	13,835,826	1,319,541,500	4,792	24,482	1.05

*Consumption for flat-rate water heaters is included on the basis of an estimated 16.8 hours' daily use.

NOTE: For continuity of record during a brief transition period, this table presents rural service statistics on the basis of a customer classification in effect prior to 1966. It will eventually be superseded by the current table on the following page, which appropriately takes into account the extensive customer classification changes introduced in that year.

Rural Electrical Service

CUSTOMERS, REVENUE, AND CONSUMPTION, BY CLASSES OF SERVICE
(revised classification)

Class of Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
*Farm.....	1966	21,312,377.49	1,240,088,007	133,305	771	1.72
	1967	22,573,596.00	1,349,750,300	132,454	847	1.67
	1968	24,003,192.00	1,424,332,100	130,406	903	1.69
	1969	27,032,992.00	1,516,768,100	129,582	972	1.78
*Year-Round Residential.....	1966	26,365,167.32	1,570,966,227	227,909	584	1.68
	1967	28,967,165.00	1,797,122,700	238,386	642	1.61
	1968	32,353,023.00	1,992,463,900	245,009	687	1.62
	1969	39,313,409.00	2,269,511,600	264,250	738	1.73
*General.....	1966	18,564,346.15	1,442,855,108	43,719	2,753	1.29
	1967	19,423,552.00	1,569,319,100	44,327	2,971	1.24
	1968	21,313,253.00	1,703,376,700	44,267	3,205	1.25
	1969	25,217,726.00	1,936,514,200	46,527	3,525	1.30
*Residential— Intermittent Occupancy.....	1966	5,835,789.35	130,845,233	120,611	92	4.46
	1967	6,229,861.00	148,971,200	125,207	101	4.18
	1968	6,815,172.00	181,449,700	131,003	118	3.76
	1969	7,645,109.00	208,120,000	136,694	130	3.67

*Consumption for flat-rate water heaters is included on the basis of an estimated 16.8 hours' daily use.

NOTE: In this table, the General Class includes the former Commercial, Commercial Summer, and Industrial Power classes. Three-phase farm statistics formerly included with Industrial Power are now included under Farm.

SUPPLEMENT

MUNICIPAL ELECTRICAL SERVICE

Retail service in cities, towns, and villages, and in certain of the more densely populated township areas in the province is provided for the most part by the 354 municipal electrical utilities associated with the Commission's East and West Systems. In 14 other communities, including towns, townships, and villages, the Commission owns and operates distribution facilities serving retail customers directly. Both types of retail service are brought together in this supplement to the Commission's Report since, as municipal operations, they are similar in every respect except administration. The table and graphs that immediately follow, therefore, cover three major classes of service provided during 1969 in 368 communities where a total of 1,766,571 customers were served, 1,738,512 by the municipal electrical utilities and 28,059 by the Commission.

The statistics on retail service in general are followed by a commentary on municipal electrical utility operations in particular. The tabular statements that form the remainder of the supplement give information on financial operations, as well as on numbers of customers, revenues, consumption, and average revenue per kilowatt-hour. Statements A and B include a balance sheet and an operating statement for each of the municipal electrical utilities. The more general statistics in Statement C cover all 368 municipal systems served. The statement of rates and

Municipal Electrical Service
CUSTOMERS, REVENUE, AND CONSUMPTION
1960 to 1969

Class of Service	Year	Revenue	Consumption	Customers	*Monthly Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
Residential	1960	78,337,615	6,944,659,090	1,234,903	469	1.13
	1961	83,682,550	7,400,028,084	1,307,893	472	1.13
	1962	89,016,406	7,852,651,665	1,346,408	486	1.13
	1963	93,121,018	8,255,600,930	1,382,270	498	1.13
	1964	98,724,259	8,742,950,806	1,434,174	508	1.13
	1965	106,738,283	9,423,405,257	1,475,590	532	1.13
	1966	114,462,536	10,102,582,788	1,505,780	559	1.13
	1967	123,236,091	10,796,826,704	1,540,505	584	1.14
	1968	137,250,772	11,531,567,252	1,565,268	619	1.19
	1969	148,285,270	12,081,214,500	1,583,631	639	1.23
Commercial	1960	41,229,320	2,921,670,317	123,441	1,972	1.41
	1961	45,718,484	3,289,119,534	122,863	2,231	1.39
	1962	49,438,348	3,633,872,392	121,964	2,483	1.36
	1963	53,130,394	3,983,332,309	123,296	2,692	1.33
	1964	58,244,181	4,460,958,590	125,555	2,961	1.31
	1965	64,558,257	4,988,713,185	127,645	3,257	1.29
	1966	72,309,441	5,705,565,474	132,270	3,595	1.27
	1967	81,101,116	6,450,509,342	140,087	3,837	1.26
	1968	92,745,351	7,254,645,414	151,017	4,154	1.28
	1969	103,091,284	8,127,936,824	157,735	4,388	1.27
Industrial Power . . .	1960	64,057,506	7,326,683,025	23,613	25,857	0.87
	1961	69,215,271	7,994,001,074	23,179	28,740	0.87
	1962	74,198,657	8,704,987,001	23,145	31,342	0.85
	1963	79,740,870	9,581,875,552	23,456	34,042	0.83
	1964	86,451,270	10,488,380,325	23,866	36,622	0.82
	1965	95,988,774	11,668,654,346	23,675	41,072	0.82
	1966	100,320,320	12,077,932,115	23,999	41,939	0.83
	1967	106,988,141	12,594,313,013	24,560	42,733	0.85
	1968	120,284,786	13,708,827,688	24,859	46,233	0.88
	1969	135,273,556	14,823,099,864	25,205	49,347	0.91
†General Rate	1967	30,517,324	3,262,998,579	27,566	9,864	0.94
	1968	49,510,529	5,110,730,469	48,825	11,150	0.97
	1969	64,994,694	6,478,590,301	64,768	9,506	1.00

NOTE: Kwh consumption figures for residential and commercial services in the above table reflect the use of flat-rate water heaters for a uniform average of 16.8 hours per day.

†At the end of 1969, the general rate was being applied in 172 of the 354 communities served by associated municipal electrical utilities, where it would, for the most part, cover service to all former commercial, small commercial, and industrial power service customers. While the rate is shown for the past three years as a separate classification in the table above, the same data relating to revenue, consumption, and number of customers, for purposes of continuity of trends in cost and usage, have also been proportionately allocated to the former categories of commercial and industrial power service.

During a transitional period the erratic movement in average consumption per customer reflects the widely varying mix of large and small customers from year to year as the number of utilities using the general rate rapidly expands.

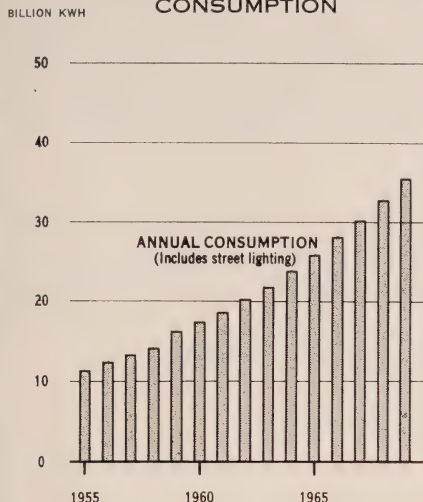
*Commencing in 1968, the method of calculating the monthly consumption per customer was changed. The new formula uses the average of the numbers of customers served at the end of the current year and the previous year.

typical bills formerly designated as Statement C has been omitted from this year's Annual Report. In a period when rates are subject to almost continuous revision, this tabulation of rates in effect at December 31 was considered neither a true

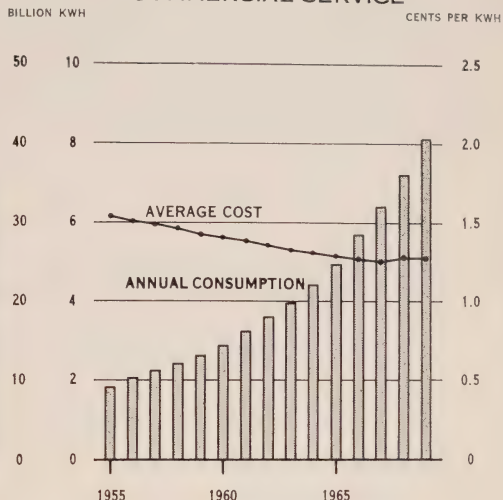
MUNICIPAL ELECTRICAL SERVICE

ANNUAL ENERGY CONSUMPTION AND AVERAGE COST PER KILOWATT-HOUR

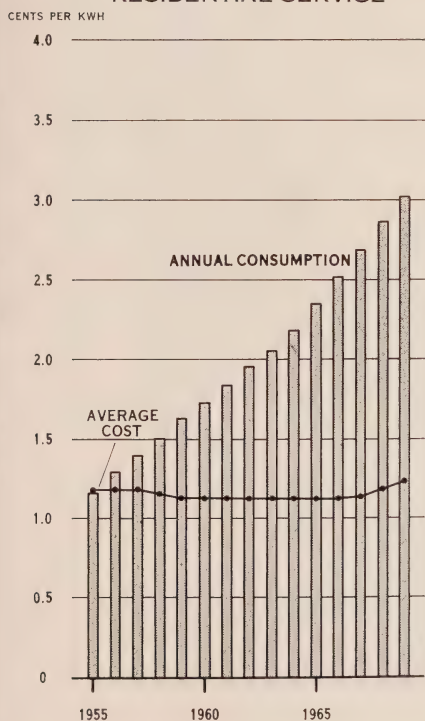
TOTAL ANNUAL ENERGY CONSUMPTION



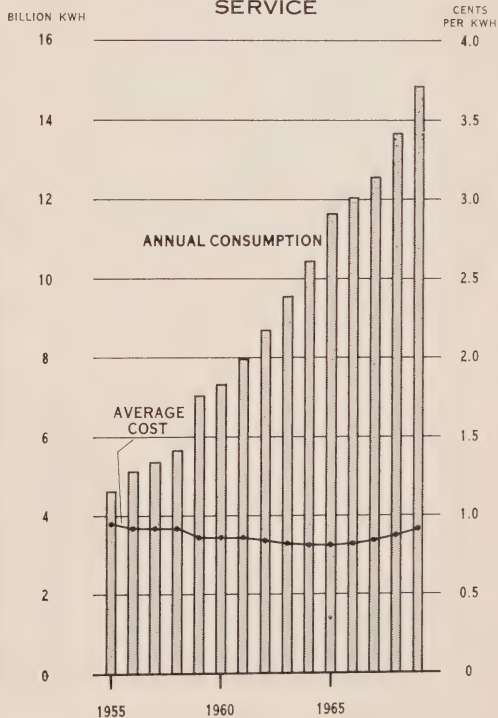
COMMERCIAL SERVICE



RESIDENTIAL SERVICE

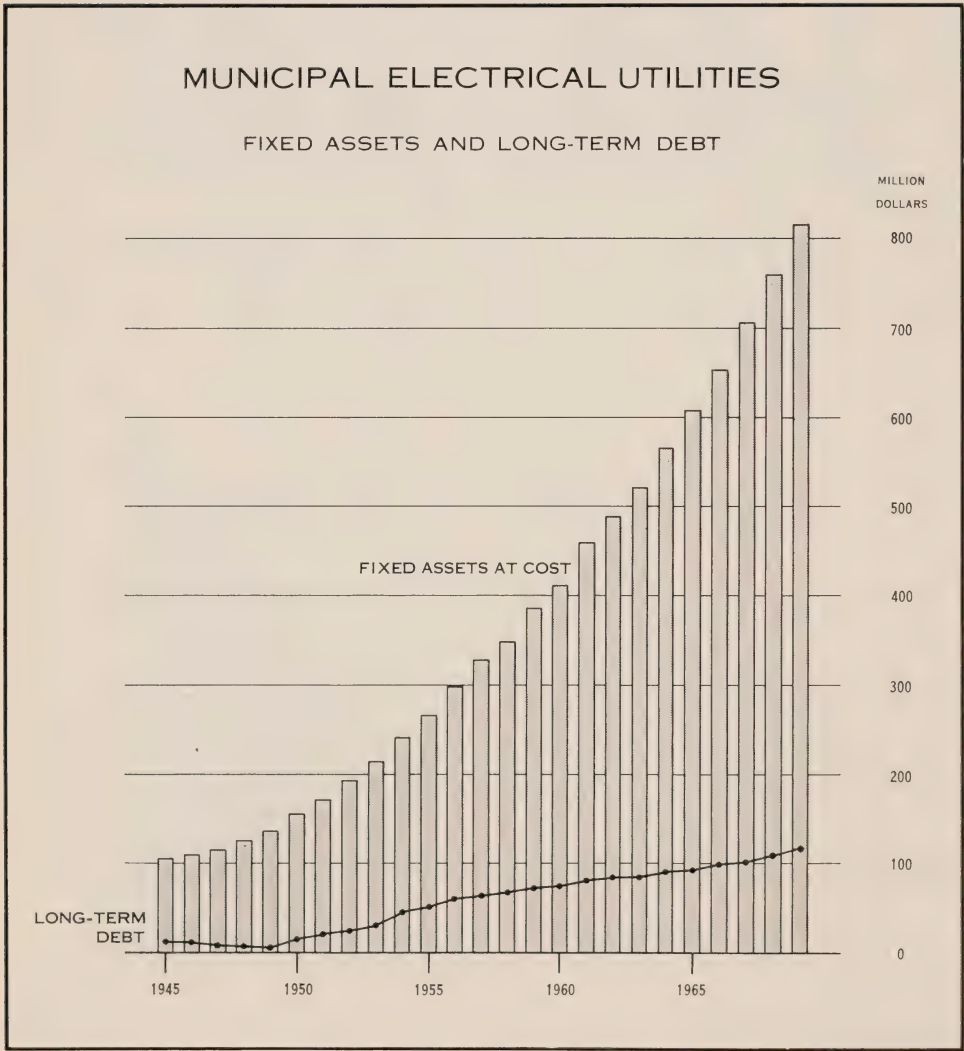


INDUSTRIAL POWER SERVICE



indication of rate conditions throughout the year under review, nor a dependable guide to current rates. A computer print-out of this type of statistical data in somewhat extended form will be made available, on request, to those who require detailed information on rates.

The general rate was used by the Commission and the municipal utilities for former industrial power and commercial services in 172 of the communities listed in Statement C. The number of customers billed on this rate schedule numbered 64, 768 at the end of the year. For purposes of comparison with earlier years when this rate was not in effect, these customers have also been included in the other services roughly in proportion to the former ratios of these services. On the basis



of this reclassification of customers, revenue, and consumption, any year-to-year comparisons must of necessity be rough approximations.

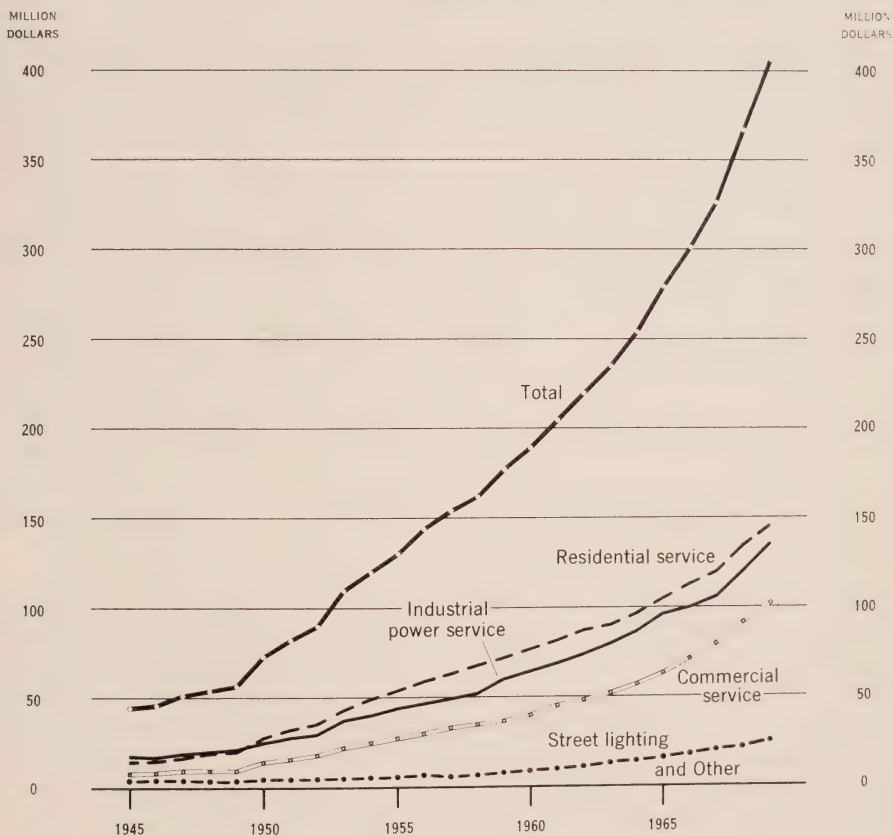
MUNICIPAL ELECTRICAL UTILITIES

The summary figures on the financial operations of the 374 utilities cover a wide range of utility experience on which commentary in detail is out of the question. It has been customary, however, to offer a brief analysis of the source and application of municipal utility funds, which has some validity as a measure of their continuing successful operation.

The balance sheets indicate that investment in fixed assets at cost rose by

MUNICIPAL ELECTRICAL UTILITIES

REVENUE



\$56,219,024 to a total of \$815,382,191. This, together with an increase of \$5,620,126 in inventories, was financed, apart from a net increase of only \$7,730,858 in debentures outstanding, entirely from internally generated funds and contributed capital. An amount of \$13,651,400 was held in sinking fund for the retirement of the part of the long-term outstanding debt of \$115,947,129 which is in sinking-fund debentures. This left the net long-term debt at 12.5 per cent of fixed assets at cost as compared with 12.7 per cent in 1968.

The total assets of the 354 municipal electrical utilities served under cost contracts in 1969 amounted to \$1,211,548,579 after the deduction of accumulated depreciation of \$219,237,998. The increase of \$71,443,231 includes \$27,387,202 which represents an addition to the equity of the utilities in Ontario Hydro systems, shown in Statement A as amounting to \$492,190,861. This equity represented 40.6 per cent of the total assets of the utilities, and each utility's share, its contributions plus interest, is also shown in this statement. These utility equities and their sum would be identical with those shown on the Commission's schedule of equities accumulated through debt retirement charges if this schedule were available when the utilities close their books at the end of the year. Since this is not possible, the equities shown in Statement A are, with relatively few exceptions, those at the end of 1968 rather than 1969.

Total revenues of the municipal electrical utilities rose by \$40,092,071 to \$407,025,245 for an increase of 10.9 per cent, while expenses rose by \$43,577,624 or 12.6 per cent to \$390,357,370. The revenues were derived as follows:

Residential Service	\$146,025,294
Commercial Service	77,873,527
Industrial Power Service	97,855,243
General	60,966,006
Street Lighting	10,884,312
<hr/>	
Total	\$393,604,382
Miscellaneous	13,420,863
<hr/>	
Total Revenues	\$407,025,245

A margin of net revenue amounting to \$16,667,875 was 4.1 per cent of total revenues as compared with 5.5 per cent in 1968. The Commission regards such a margin of net income as an economical source of funds for use by the municipal utilities in the normal expansion of their systems. This is particularly true under present conditions of excessively high interest rates on borrowed funds. The margin also provides a stabilizing factor in the process of retail rate adjustment. This is taken into consideration in all reviews of municipal utility retail rates. The Commission, as required by The Power Commission Act, exercises supervisory control over the activities of the municipal electrical utilities, and their rates to ultimate customers are subject to the Commission's review and approval.

The books of account from which the foregoing financial information is derived are kept by the utilities in accordance with a standard accounting system designed by the Commission for use by all its municipal electric-utility customers. These records are periodically inspected by the Commission's municipal accountants. From time to time adjustments and improvements in accounting procedure and office routine are recommended as required. By providing this type of assistance and supervision, the Commission seeks to ensure the correct application of rates and standard procedures and the observance of a uniform classification of revenues and expenditures. The work carried out by the Commission's municipal accountants on the utilities' behalf does not, however, constitute an audit of their accounts. The municipalities must make their own arrangements for this audit.

MUNICIPAL ELECTRICAL UTILITIES

Year.....	1960	1961	1962	1963
Number of Municipal Utilities Included	354	354	355	355
A. BALANCE SHEET				
FIXED ASSETS	\$	\$	\$	\$
Plant and facilities at cost.....	413,611,989	457,392,623	488,393,074	523,032,765
Less accumulated depreciation.....	82,246,973	100,165,249	109,914,757	120,564,846
Net fixed assets.....	331,365,016	357,227,374	378,478,317	402,467,919
CURRENT ASSETS				
Cash on hand and in bank.....	12,250,801	15,105,454	18,063,961	19,175,569
Investments—short-term.....				
—long-term.....	13,990,120	14,672,152	16,984,376	16,225,459
Accounts receivable (net).....	12,868,807	14,190,953	15,807,380	15,572,525
Other.....				
Total current assets.....	39,109,728	43,968,559	50,855,717	50,973,553
OTHER ASSETS				
Inventories.....	9,197,511	9,590,459	9,742,156	10,351,372
Sinking fund on debentures.....	2,316,958	3,261,509	4,312,070	5,442,451
Miscellaneous assets.....	2,553,588	2,643,494	2,715,626	3,235,378
Total other assets.....	14,068,057	15,495,462	16,769,852	19,029,201
Equity in Ontario Hydro.....	261,101,650	282,255,861	305,826,987	329,924,857
Total.....	645,644,451	698,947,256	751,930,873	802,395,530
LIABILITIES				
Debentures outstanding.....	74,429,684	81,812,075	83,167,367	82,865,177
Current liabilities.....	10,485,382	12,594,844	12,753,744	12,860,334
Other liabilities.....	7,146,524	7,860,946	8,254,687	8,534,095
Total liabilities.....	92,061,590	102,267,865	104,175,798	104,259,606
RESERVES				
Equity in Ontario Hydro.....	261,101,650	282,255,861	305,826,987	329,924,857
Other reserves.....	2,920,005	2,468,637	2,481,991	2,323,811
Total reserves.....	264,021,655	284,724,498	308,308,978	332,248,668
CAPITAL				
Debentures redeemed.....	81,266,027	84,572,157	88,386,510	92,400,155
Sinking fund debentures.....	2,316,958	3,261,509	4,312,070	5,442,451
Accumulated net income invested in plant or held as working funds.....	205,984,657	224,121,227	246,747,517	258,763,652
Contributed capital.....				9,280,998
Frequency standardization expense charged this year.....	6,436			
Total capital.....	289,561,206	311,954,893	339,446,097	365,887,256
Total.....	645,644,451	698,947,256	751,930,873	802,395,530
B. OPERATING STATEMENT				
REVENUE				
Sale of electrical energy.....	186,599,701	201,891,409	216,412,017	230,166,226
Miscellaneous.....	2,720,870	3,274,114	4,439,792	5,324,613
Total revenue.....	189,320,571	205,165,523	220,851,809	235,490,839
EXPENSE				
Power purchased.....	122,634,361	130,857,200	139,291,682	152,433,112
Local generation.....	536,118	529,955	570,500	572,079
Operation and maintenance.....	18,273,164	19,486,528	20,760,837	21,989,333
Administration.....	15,766,246	17,342,308	18,482,105	19,550,879
Financial.....	7,440,556	8,203,772	8,912,277	9,135,950
Depreciation.....	10,750,710	11,466,692	11,655,654	12,557,510
Other.....	22,506	81,734	73,080	76,738
Total expense.....	175,423,661	187,968,189	199,746,135	216,315,601
Net income.....	13,896,910	17,197,334	21,105,674	19,175,238
Number of customers.....	1,351,915	1,423,427	1,460,553	1,497,857

CONSOLIDATED FINANCIAL STATEMENTS 1960-1969

1964	1965	1966	1967	1968	1969
357	360	358	355	354	354
\$	\$	\$	\$	\$	\$
564,408,772	607,675,682	654,128,175	706,702,798	759,163,167	815,382,191
133,554,046	148,250,022	164,122,993	182,315,075	200,212,484	219,237,998
430,854,726	459,425,660	490,005,182	524,387,723	558,950,683	596,144,193
22,394,390	29,195,624	12,138,312	11,784,458	11,554,954	12,739,781
.....	.....	19,530,448	21,164,511	27,957,092	23,006,015
13,290,755	9,749,732	9,515,323	9,039,413	8,252,468	7,844,003
16,566,500	18,398,616	23,415,599	23,168,868	27,549,947	31,285,055
.....	.....	.....	1,834,703	1,488,012	3,029,452
52,251,645	57,343,972	64,599,682	66,991,953	76,802,473	77,904,306
10,878,773	12,648,044	14,192,035	15,803,084	15,883,122	17,486,722
6,626,453	7,740,863	9,073,286	11,099,516	11,969,393	13,651,400
6,505,335	8,782,008	10,162,656	10,185,521	11,696,011	14,171,097
24,010,561	29,170,915	33,427,977	37,088,121	39,548,526	45,309,219
354,153,351	378,707,011	406,329,792	439,046,394	464,803,659	492,190,861
861,270,283	924,647,558	994,362,633	1,067,514,191	1,140,105,341	1,211,548,579
87,951,607	92,106,967	97,299,929	99,973,438	108,216,271	115,947,129
14,627,872	17,815,810	21,534,264	28,417,741	40,797,753	48,349,939
9,799,228	10,515,302	10,693,822	8,671,660	13,611,744	14,857,102
112,378,707	120,438,079	129,528,015	137,062,839	162,625,768	179,154,170
354,153,351	378,707,011	406,329,792	439,046,394	464,803,659	492,190,861
2,251,343	2,156,022	1,842,605	1,458,579	1,338,735	1,346,164
356,404,694	380,863,033	408,172,397	440,504,973	466,142,394	493,537,025
96,501,461	101,145,958	105,895,961	110,647,680	116,735,092	122,655,357
6,626,453	7,740,863	9,073,286	11,099,516	11,969,393	13,651,400
278,077,894	300,558,283	323,795,867	345,444,966	355,282,175	369,349,157
11,281,074	13,901,342	17,897,107	22,754,217	27,350,519	33,201,470
.....
392,486,882	423,346,446	456,662,221	489,946,379	511,337,179	538,857,384
861,270,283	924,647,558	994,362,633	1,067,514,191	1,140,105,341	1,211,548,579
247,890,291	272,214,069	292,499,953	316,856,666	355,980,197	393,604,382
6,108,283	7,176,496	8,640,589	9,690,237	10,952,677	13,420,863
253,998,574	279,390,565	301,140,542	326,546,903	366,932,874	407,025,245
167,184,292	184,480,710	201,058,552	220,454,314	252,555,717	288,156,598
564,536	571,767	612,063	708,788	749,020	813,078
23,527,954	21,920,862	23,123,145	25,552,916	28,713,279	30,231,314
20,367,906	21,816,697	23,762,160	26,050,076	29,316,059	32,811,759
9,678,755	10,222,785	11,045,582	12,131,296	13,359,494	14,683,093
13,486,318	17,744,672	19,352,182	21,137,680	22,018,755	23,592,618
26,460	78,450	92,300	57,309	67,422	68,910
234,836,221	256,835,943	279,045,984	306,092,379	346,779,746	390,357,370
19,162,353	22,554,622	22,094,558	20,454,524	20,153,128	16,667,875
1,552,238	1,595,343	1,630,255	1,673,104	1,709,111	1,738,512

Municipal Electrical Utilities Financial

Municipality.....	Acton	Ailsa Craig	Ajax	Alexandria	Alfred	Alliston
Population.....	4,790	562	11,305	3,027	1,096	3,241
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	707,496	69,477	1,604,726	515,316	111,598	441,587
Less accumulated depreciation.....	138,559	6,790	528,202	160,944	43,252	136,696
Net fixed assets.....	568,937	62,687	1,076,524	354,372	68,346	304,891
CURRENT ASSETS						
Cash on hand and in bank.....	19,801	8,172	157,763	8,839	17,734	11,491
Investments—short-term.....	35,000				7,000	20,000
—long-term.....	3,000		850	3,000		8,000
Accounts receivable (net).....	16,586	282	26,359	5,908	633	9,588
Other.....			1,455		254	
Total current assets.....	74,387	8,454	186,427	17,747	25,621	49,079
OTHER ASSETS						
Inventories.....	1,304		25,468	20,530		6,592
Sinking fund on debentures.....						
Miscellaneous assets.....			189	4,287	2,173	
Total other assets.....	1,304		25,657	24,817	2,173	6,592
Equity in Ontario Hydro.....	640,843	67,904	441,040	280,459	38,399	287,250
Total.....	1,285,471	139,045	1,729,648	677,395	134,539	647,812
LIABILITIES						
Debentures outstanding.....	31,100		425,500	47,300	14,500	
Current liabilities.....	34,693	1,941	87,956	25,442	7,132	20,862
Other liabilities.....	6,579	234	57,948	15,108	753	6,984
Total liabilities.....	72,372	2,175	571,404	87,850	22,385	27,846
RESERVES						
Equity in Ontario Hydro.....	640,843	67,904	441,040	280,459	38,399	287,250
Other reserves.....						
Total reserves.....	640,843	67,904	441,040	280,459	38,399	287,250
CAPITAL						
Debentures redeemed.....	52,839	6,884	220,939	55,778	23,500	29,990
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	487,197	62,082	423,638	249,801	48,552	300,726
Contributed capital.....	32,220		72,627	3,507	1,703	2,000
Total capital.....	572,256	68,966	717,204	309,086	73,755	332,716
Total.....	1,285,471	139,045	1,729,648	677,395	134,539	647,812
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	364,541	26,395	796,444	259,990	64,301	256,975
Miscellaneous.....	14,246	579	32,719	11,089	1,637	9,711
Total revenue.....	378,787	26,974	829,163	271,079	65,938	266,686
EXPENSE						
Power purchased.....	286,311	20,416	563,750	202,720	50,444	187,392
Local generation.....						
Operation and maintenance.....	30,230	3,174	51,917	18,965	1,537	26,907
Administration.....	33,035	2,379	67,650	17,841	5,797	27,386
Financial.....	5,837		57,833	4,566	2,712	
Depreciation.....	17,702	1,843	47,529	16,694	3,837	11,424
Other.....						
Total expense.....	373,115	27,812	788,679	260,786	64,327	253,109
Net income or net expense.....	5,672	838	40,484	10,293	1,611	13,577
Number of customers.....	1,571	239	3,294	1,158	368	1,212

Statements for the Year Ended December 31, 1969

Almonte	Alvinston	Amherst- burg	Ancaster Twp.	Apple Hill	Arkona	Arnprior	Arthur	Athens
3,677	666	4,774	15,254	325	433	5,766	1,308	990
\$	\$	\$	\$	\$	\$	\$	\$	\$
601,175	94,004	705,771	406,786	33,128	62,498	765,323	211,110	103,391
171,074	38,330	198,451	123,616	12,806	23,595	215,020	56,062	28,088
430,101	55,674	507,320	283,170	20,322	38,903	550,303	155,048	75,303
26,885	6,325	8,511	25	7,703	9,011	37,803	3,072	1,271
.....	.....	.....	76,000	.....	10,582	12,000	.....	.....
13,000	4,764	18,000	.....	.....	6,000	.....	10,000	7,640
2,280	872	7,269	7,274	197	1,955	4,875	2,023	2,853
.....	.....	.....	256	.....	50	.....	.....	.....
42,165	11,961	33,780	83,555	7,900	27,598	54,678	15,095	11,764
2,173	.....	17,629	1,009	.....	.....	6,594	116	.....
.....	.....	.....	4,102	12	.....	.....	1,229	5,217
2,173	.....	17,629	5,111	12	.....	6,594	1,345	5,217
157,668	70,244	517,565	249,720	19,996	52,458	482,524	123,161	64,812
632,107	137,879	1,076,294	621,556	48,230	118,959	1,094,099	294,649	157,096
.....	.....	.....	26,000	.....	.....	27,187	31,800	.....
14,421	2,350	599	25,446	1,214	1,653	58,966	11,659	14,652
3,152	165	4,467	9,890	66	.....	8,035	1,025	433
17,573	2,515	5,066	61,336	1,280	1,653	94,188	44,484	15,085
157,668	70,244	517,565	249,720	19,996	52,458	482,524	123,161	64,812
.....	.....	.....	.....	.....	.....	942	.....	.....
157,668	70,244	517,565	249,720	19,996	52,458	483,466	123,161	64,812
72,000	23,530	68,237	102,246	5,080	13,113	118,057	27,113	12,988
.....
383,255	40,029	478,096	206,321	21,874	51,735	373,614	99,891	62,897
1,611	1,561	7,330	1,933	.....	.....	24,774	.....	1,314
456,866	65,120	553,663	310,500	26,954	64,848	516,445	127,004	77,199
632,107	137,879	1,076,294	621,556	48,230	118,959	1,094,099	294,649	157,096
205,528	29,632	373,821	196,285	11,178	20,828	456,694	76,484	49,458
2,741	1,285	10,500	9,523	618	1,259	18,164	1,538	1,307
208,269	30,917	384,321	205,808	11,796	22,087	474,858	78,022	50,765
133,152	17,630	282,830	147,532	8,875	15,616	380,495	54,100	36,878
17,959	.....	.....	.....	.....	.....	.....	.....	.....
12,812	4,481	25,860	17,640	361	775	21,219	5,456	2,764
31,074	5,552	39,995	22,328	1,880	1,640	32,259	10,634	4,122
.....	.....	.....	5,505	.....	.....	5,235	3,313	.....
15,713	3,390	17,433	10,967	1,160	2,143	29,290	6,069	3,093
.....
210,710	31,053	366,118	203,972	12,276	20,174	468,498	79,572	46,857
2,441	136	18,203	1,836	480	1,913	6,360	1,550	3,908
1,234	345	1,632	1,174	120	205	2,027	558	401

Municipal Electrical Utilities Financial

Municipality.....	Atikokan Twp.	Aurora	Avonmore	Aylmer	Ayr	Baden
Population.....	6,211	10,891	229	4,438	1,224	973
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	679,349	1,383,907	33,236	559,562	138,536	125,662
Less accumulated depreciation.....	272,244	308,525	13,896	219,193	31,563	37,430
Net fixed assets.....	407,105	1,075,382	19,340	340,369	106,973	88,232
CURRENT ASSETS						
Cash on hand and in bank.....	3,191	41,700	7,913	29,699	3,825	11,688
Investments—short-term.....	80,000					
—long-term.....		34,000				
Accounts receivable (net).....	34,520	17,230	1,461	8,185	245	336
Other.....	1,225					34
Total current assets.....	118,936	92,930	9,374	37,884	4,070	12,058
OTHER ASSETS						
Inventories.....	10,440	2,576		1,127	168	215
Sinking fund on debentures.....						
Miscellaneous assets.....	13,062	6,851	527	517		
Total other assets.....	23,502	9,427	527	1,644	168	215
Equity in Ontario Hydro.....	327,797	495,278	12,653	508,855	113,779	158,246
Total.....	877,340	1,673,017	41,894	888,752	224,990	258,751
LIABILITIES						
Debentures outstanding.....	185,000	159,000	9,000	9,500		
Current liabilities.....	39,919	86,013	1,194	31,610	8,054	5,055
Other liabilities.....	25,561	7,411		3,171	867	450
Total liabilities.....	250,480	252,424	10,194	44,281	8,921	5,505
RESERVES						
Equity in Ontario Hydro.....	327,797	495,278	12,653	508,855	113,779	158,246
Other reserves.....						
Total reserves.....	327,797	495,278	12,653	508,855	113,779	158,246
CAPITAL						
Debentures redeemed.....	215,000	63,644	5,000	79,202	17,503	5,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	54,354	695,455	14,047	256,414	84,179	89,500
Contributed capital.....	29,709	166,216			608	500
Total capital.....	299,063	925,315	19,047	335,616	102,290	95,000
Total.....	877,340	1,673,017	41,894	888,752	224,990	258,751
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	308,102	627,244	14,379	320,589	77,718	65,667
Miscellaneous.....	23,616	34,864	569	3,765	1,586	934
Total revenue.....	331,718	662,108	14,948	324,354	79,304	66,601
EXPENSE						
Power purchased.....	188,396	510,299	9,414	277,944	56,950	49,662
Local generation.....						
Operation and maintenance.....	34,810	40,105	1,171	21,822	5,857	5,075
Administration.....	58,297	41,484	1,876	21,099	10,561	6,157
Financial.....	34,900	20,522	1,013	5,771		
Depreciation.....	25,844	34,716	1,150	16,150	4,110	3,767
Other.....						
Total expense.....	342,247	647,126	14,624	342,786	77,478	64,661
Net income or net expense.....	10,529	14,982	324	18,432	1,826	1,940
Number of customers.....	1,826	3,224	108	1,730	437	306

Statements for the Year Ended December 31, 1969

Bancroft	Barrie	Barry's Bay	Bath	Beachburg	Beachville	Beamsville	Beaverton	Beeton
2,190	26,233	1,452	805	520	1,007	4,050	1,249	1,016
\$ 473,421 166,510	\$ 3,516,764 1,224,919	\$ 138,312 32,338	\$ 107,929 30,574	\$ 77,094 33,682	\$ 154,042 60,527	\$ 419,623 134,794	\$ 219,934 56,888	\$ 103,782 26,568
306,911	2,291,845	105,974	77,355	43,412	93,515	284,829	163,046	77,214
20,479	62,971	2,058	7,341	7,410	5,682	39,266	6,266	18,635
15,000	.....	.....	15,000	.....	.....	.....	.....	5,000
.....	.....	.....	.....	13,000	45,953	.....	.....	.....
8,995	82,213	13,412	1,615	274	1,524	1,991	2,384	1,224
272	767	.....	750	.....	156	.....	.....	.....
44,746	145,951	15,470	24,706	20,684	53,315	41,257	8,650	24,859
594	76,852	.....	.....	.....	.....	.....	125	161
.....
1,003	9,588	727	.....	1,465	313	.....	3,921	.....
1,597	86,440	727	.....	1,465	313	.....	4,046	161
106,035	2,026,608	40,613	38,852	26,041	305,750	195,096	156,230	90,093
459,289	4,550,844	162,784	140,913	91,602	452,893	521,182	331,972	192,327
23,000	250,000	18,000	3,500	35,650	.....	.....	.....	.....
9,712	322,103	7,821	6,414	2,079	366	16,352	7,675	3,754
2,517	29,667	396	914	72	558	4,131	1,147	1,029
35,229	601,770	26,217	10,828	37,801	924	20,483	8,822	4,783
106,035	2,026,608	40,613	38,852	26,041	305,750	195,096	156,230	90,093
.....
106,035	2,026,608	40,613	38,852	26,041	305,750	195,096	156,230	90,093
109,500	101,366	7,500	14,000	16,350	5,537	37,500	12,839	13,
.....
198,141	1,775,725	85,790	64,811	11,410	139,072	268,056	154,081	83,841
10,384	45,375	2,664	12,422	.....	1,610	47	.....	.....
318,025	1,922,466	95,954	91,233	27,760	146,219	305,603	166,920	97,451
459,289	4,550,844	162,784	140,913	91,602	452,893	521,182	331,972	192,327
140,384	1,904,704	66,409	34,559	33,107	124,975	203,776	100,221	48,540
8,252	69,391	1,112	1,473	1,192	5,110	9,695	3,140	3,156
148,636	1,974,095	67,521	36,032	34,299	130,085	213,471	103,361	51,696
93,621	1,551,521	50,639	27,061	22,821	130,522	140,360	85,859	37,267
5,716	.....	.....	.....	.....	.....	.....	.....	.....
6,212	164,902	3,015	2,884	1,263	3,548	16,136	6,518	3,319
13,605	137,690	6,804	3,390	2,179	4,964	17,265	8,468	3,179
6,549	30,360	2,367	720	4,524	.....	.....	.....	.....
17,269	128,992	4,065	3,469	2,493	5,883	15,300	7,139	3,764
.....
142,972	2,013,465	66,890	37,524	33,280	144,917	189,061	107,984	47,529
5,664	39,370	631	1,492	1,019	14,832	24,410	4,623	4,167
821	9,306	476	278	223	340	1,418	668	359

Municipal Electrical Utilities Financial

Municipality.....	Belle River	Belleville	Belmont	Blenheim	Bloomfield	Blyth
Population.....	2,639	33,093	763	3,420	717	784
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	252,373	4,890,899	101,892	507,283	74,439	117,786
Less accumulated depreciation.....	42,827	1,321,366	34,649	142,390	35,304	39,959
Net fixed assets.....	209,546	3,569,533	67,243	364,893	39,135	77,827
CURRENT ASSETS						
Cash on hand and in bank.....	2,467	33,084	5,058	.....	14,333	5,717
Investments—short-term.....	.....	100,000	10,000	.....	3,500	.....
—long-term.....	7,000	.....	9,650	.....	3,993	2,658
Accounts receivable (net).....	1,777	107,467	55	7,618	344	565
Other.....	.....	379	555	.....	578	.....
Total current assets.....	11,244	240,930	25,318	7,618	22,748	8,940
OTHER ASSETS						
Inventories.....	527	65,874	.....	4,701	.....	114
Sinking fund on debentures.....	.....	.....	.....	.....	.....	.....
Miscellaneous assets.....	.....	11,664	3,923	502	578	.....
Total other assets.....	527	77,538	3,923	5,203	578	114
Equity in Ontario Hydro.....	113,460	2,597,421	41,132	259,225	65,796	99,026
Total.....	334,777	6,485,422	137,616	636,939	128,257	185,907
LIABILITIES						
Debentures outstanding.....	.....	687,000	44,500	5,089	.....	.....
Current liabilities.....	27,683	182,656	7,186	12,413	2,373	5,302
Other liabilities.....	1,477	51,442	693	3,886	477	189
Total liabilities.....	29,160	921,098	52,379	21,388	2,850	5,491
RESERVES						
Equity in Ontario Hydro.....	113,460	2,597,421	41,132	259,225	65,796	99,026
Other reserves.....	.....	.....	.....	.....	.....	.....
Total reserves.....	113,460	2,597,421	41,132	259,225	65,796	99,026
CAPITAL						
Debentures redeemed.....	19,555	342,997	8,819	94,091	9,797	16,032
Sinking fund debentures.....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds.....	166,482	2,563,941	33,465	262,235	49,814	65,358
Contributed capital.....	6,120	59,965	1,821	.....	.....	.....
Total capital.....	192,157	2,966,903	44,105	356,326	59,611	81,390
Total.....	334,777	6,485,422	137,616	636,939	128,257	185,907
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	124,249	2,127,538	76,775	186,853	36,985	63,274
Miscellaneous.....	2,675	116,429	3,846	6,466	1,013	1,531
Total revenue.....	126,924	2,243,967	80,621	193,319	37,998	64,805
EXPENSE						
Power purchased.....	84,473	1,522,625	64,467	123,540	27,300	50,656
Local generation.....	.....	.....	.....	.....	.....	.....
Operation and maintenance.....	12,967	168,371	3,693	14,936	3,033	6,378
Administration.....	14,486	216,533	5,270	25,641	4,096	3,698
Financial.....	708	71,067	4,635	2,698	.....	.....
Depreciation.....	6,338	152,709	4,377	13,874	2,639	4,646
Other.....	.....	.....	.....	.....	.....	.....
Total expense.....	118,972	2,131,305	82,442	180,689	37,068	65,378
Net income or net expense.....	7,952	112,662	1,821	12,630	930	573
Number of customers.....	959	11,648	257	1,318	297	354

Statements for the Year Ended December 31, 1969

Bobcaygeon	Bolton	Bothwell	Bowman- ville	Bracebridge	Bradford	Braeside	Brampton	Brantford
1,272	2,452	860	8,273	3,352	2,959	496	38,106	61,132
\$ 292,038 110,088	\$ 328,409 80,255	\$ 95,004 37,350	\$ 1,094,504 472,682	\$ 1,140,581 337,449	\$ 419,697 132,582	\$ 57,082 13,329	\$ 7,092,938 1,388,318	\$ 8,080,616 2,432,784
181,950	248,154	57,654	621,822	803,132	287,115	43,753	5,704,620	5,647,832
8,606	5,418	16,168	22,366	.....	5,655	6,684	126,229	100,502
.....	54,875	.....	20,000	.....	.....	.....	.....	250,000
.....	.....	.....	59,569	.....	.....	5,000	.....	.....
2,062	14,215	4,183	21,905	15,332	36,413	1,184	418,423	85,988
500	29	.....	600	.....	1,304	.....	162	3,935
11,168	74,537	20,351	124,440	15,332	43,372	12,868	544,814	440,425
4,140	.....	715	21,635	8,186	12,633	.....	170,721	124,379
3,890	16,855	.....	12,606	11,757	9,356	3,442	45,716	2,750
8,030	16,855	715	34,241	19,943	21,989	3,442	216,437	127,129
77,862	143,465	79,083	910,088	27,690	216,084	99,278	1,893,905	7,161,495
279,010	483,011	157,803	1,690,591	866,097	568,560	159,341	8,359,776	13,376,881
59,700	154,857	.....	.....	86,000	.....	.....	2,659,025	381,541
14,843	50,041	4,286	50,004	52,592	17,277	10,618	730,514	350,081
567	3,750	106	18,632	.....	3,690	130	632,330	118,650
75,110	208,648	4,392	68,636	138,592	20,967	10,748	4,021,869	850,272
77,862	143,465	79,083	910,088	27,690	216,084	99,278	1,893,905	7,161,495
77,862	143,465	79,083	910,088	27,690	216,084	99,278	1,893,905	7,161,495
29,300	41,440	5,535	71,000	419,800	23,351	6,000	689,850	1,313,142
96,738	83,954	68,793	640,867	279,785	308,158	43,315	1,664,793	3,828,040
.....	5,504	.....	.....	230	.....	.....	89,359	223,932
126,038	130,898	74,328	711,867	699,815	331,509	49,315	2,444,002	5,365,114
279,010	483,011	157,803	1,690,591	866,097	568,560	159,341	8,359,776	13,376,881
118,635	151,150	43,985	588,775	234,784	187,488	83,927	2,767,798	4,036,254
3,023	7,058	2,650	26,884	12,170	7,889	2,120	27,041	102,157
121,658	158,208	46,635	615,659	246,954	195,377	86,047	2,794,839	4,138,411
80,324	114,747	29,689	495,799	76,876	127,296	91,885	1,899,789	3,153,167
.....	.....	.....	.....	53,621	.....	.....	.....	.....
9,597	11,781	4,754	31,192	30,199	14,356	2,388	113,707	221,458
14,664	16,528	6,639	34,884	30,054	19,828	2,774	149,221	233,543
8,293	8,283	.....	.....	18,917	.....	.....	328,053	69,910
10,434	9,791	3,285	40,880	28,702	14,336	2,059	200,475	235,145
123,312	161,130	44,367	602,755	238,369	175,816	99,106	2,691,245	3,913,223
1,654	2,922	2,268	12,904	8,585	19,561	13,059	103,594	225,188
852	766	357	2,847	1,398	1,049	164	10,607	20,625

Municipal Electrical Utilities Financial

Municipality.....	Brantford Twp.	Brechin	Bridgeport	Brigden	Brighton	Brockville
Population.....	9,298	253	2,228	541	2,780	20,016
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	1,729,609	27,467	181,649	72,217	322,879	3,143,306
Less accumulated depreciation.....	548,747	8,479	33,303	23,270	76,192	855,566
Net fixed assets.....	1,180,862	18,988	148,346	48,947	246,687	2,287,740
CURRENT ASSETS						
Cash on hand and in bank.....	79,931	3,631	15,219	8,393	4,679	43,475
Investments—short-term.....	135,000					
—long-term.....		10,500		11,887		12,000
Accounts receivable (net).....	10,675	1,040	1,847	244	4,430	29,535
Other.....	1,536			200	178	
Total current assets.....	227,142	15,171	17,066	20,724	9,287	85,010
OTHER ASSETS						
Inventories.....	31,664		429	30	13,438	62,762
Sinking fund on debentures.....						
Miscellaneous assets.....	2,325		102		1,980	3,173
Total other assets.....	33,989		531	30	15,418	65,935
Equity in Ontario Hydro.....	585,208	27,426	108,291	55,266	190,377	1,988,082
Total.....	2,027,201	61,585	274,234	124,967	461,769	4,426,767
LIABILITIES						
Debentures outstanding.....	350,777		12,824		25,700	518,500
Current liabilities.....	81,193	3,770	26,789	2,978	11,781	135,961
Other liabilities.....	6,669	203	2,107	231	3,260	1,793
Total liabilities.....	438,639	3,973	41,720	3,209	40,741	656,254
RESERVES						
Equity in Ontario Hydro.....	585,208	27,426	108,291	55,266	190,377	1,988,082
Other reserves.....						
Total reserves.....	585,208	27,426	108,291	55,266	190,377	1,988,082
CAPITAL						
Debentures redeemed.....	304,580	2,664	26,825	8,000	39,300	487,070
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	658,951	27,522	92,230	58,492	187,316	1,258,031
Contributed capital.....	39,823		5,168		4,035	37,330
Total capital.....	1,003,354	30,186	124,223	66,492	230,651	1,782,431
Total.....	2,027,201	61,585	274,234	124,967	461,769	4,426,767
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	805,337	10,352	122,903	22,287	147,137	1,478,580
Miscellaneous.....	21,765	749	1,653	1,278	4,517	62,490
Total revenue.....	827,102	11,101	124,556	23,565	151,654	1,541,070
EXPENSE						
Power purchased.....	542,012	8,084	78,514	14,772	114,716	1,086,780
Local generation.....						
Operation and maintenance.....	73,577	633	8,365	2,127	8,080	101,584
Administration.....	39,118	1,316	14,908	2,698	14,946	132,079
Financial.....	48,921		2,601		3,450	86,877
Depreciation.....	56,044	843	5,268	2,334	8,968	97,513
Other.....						
Total expense.....	759,672	10,876	109,656	21,931	150,160	1,504,833
Net income or net expense.....	67,430	225	14,900	1,634	1,494	36,237
Number of customers.....	2,902	104	634	219	1,172	7,013

Statements for the Year Ended December 31, 1969

Brussels	Burford	Burgessville	Burks Falls	Burlington	Cache Bay	Caledonia	Campbell- ford	Campbell- ville
859	1,143	298	874	81,205	729	3,044	3,332	258
\$ 106,004 14,577	\$ 150,336 57,649	\$ 45,458 14,706	\$ 107,171 30,208	\$ 10,108,358 2,058,680	\$ 65,376 27,692	\$ 285,954 90,360	\$ 944,696 270,804	\$ 28,927 9,765
91,427	92,687	30,752	76,963	8,049,678	37,684	195,594	673,892	19,162
16,087	3,016	3,720	7,050	414,310	2,938	17,534	858	5,643
.....	.....	.....	.....	250,000	12,000	.....	15,000	.....
.....	3,500	1,500	11,690	35,000	14,000	.....	.....	2,474
1,304	3,238	1,367	2,329	174,314	2,629	3,165	5,701	744
.....	.....	.....	.....	74,709	20	.....	.....	.....
17,391	9,754	6,587	21,069	948,333	31,587	20,699	21,559	8,861
173	71	.....	.....	183,974	113	1,642	17,770	.....
.....
5,491	.....	.....	.....	63,141	2,012	.....	2,431	.....
5,664	71	.....	.....	247,115	2,125	1,642	20,201	.....
107,016	113,074	33,842	58,087	2,552,979	33,813	165,555	54,623	24,996
221,498	215,586	71,181	155,119	11,798,105	105,209	383,490	770,275	53,019
.....	4,236	.....	.....	2,363,200	.....	.....	105,100	.....
5,670	6,481	1,961	5,078	818,231	1,973	8,237	22,463	90
363	2,239	270	183	223,237	208	3,184	2,952	.....
6,033	12,956	2,231	5,261	3,404,668	2,181	11,421	130,515	90
107,016	113,074	33,842	58,087	2,552,979	33,813	165,555	54,623	24,996
.....
107,016	113,074	33,842	58,087	2,552,979	33,813	165,555	54,623	24,996
28,000	16,618	3,500	29,147	1,084,904	25,359	15,525	47,400	5,448
.....
80,449	72,938	31,608	63,624	4,086,959	43,856	190,836	536,808	22,485
.....	.....	.....	.....	668,595	.....	153	929	.....
108,449	89,556	35,108	92,771	5,840,458	69,215	206,514	585,137	27,933
221,498	215,586	71,181	156,119	11,798,105	105,209	383,490	770,275	53,019
51,220	74,114	17,720	65,221	5,044,422	18,345	126,348	178,146	12,695
1,590	4,844	757	1,121	163,857	1,917	3,859	12,127	765
52,810	78,958	18,477	66,342	5,208,279	20,262	130,207	190,273	13,460
38,165	49,667	13,998	52,675	3,596,852	13,759	80,113	96,490	9,560
.....	.....	.....	.....	.....	.....	.....	12,977	.....
3,199	11,063	1,432	5,024	327,536	3,005	11,089	17,902	771
5,106	7,998	857	6,820	269,510	4,044	15,055	33,356	1,607
.....	1,268	.....	.....	289,111	6	.....	12,949	.....
3,038	5,825	1,684	3,025	285,349	2,426	8,909	23,505	1,190
.....
49,508	75,821	17,971	67,544	4,768,358	23,240	115,166	197,179	13,128
3,302	3,137	506	1,202	439,921	2,978	15,041	6,906	332
405	466	110	371	21,034	193	1,014	1,410	93

Municipal Electrical Utilities Financial

Municipality.....	Cannington	Capreol	Cardinal	Carleton Place 4,908	Casselman 1,289	Cayuga 1,070
Population.....	1,048	3,253	1,916	4,908	1,289	1,070
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	129,559	369,857	115,035	530,831	145,357	148,431
Less accumulated depreciation.....	44,798	77,908	36,119	132,724	37,018	48,342
Net fixed assets.....	84,761	291,949	78,916	398,107	108,339	100,089
CURRENT ASSETS						
Cash on hand and in bank.....	11,206	32,825	.....	29,730	441	10,905
Investments—short-term.....	.....	.....	.....	.....	8,000	10,000
—long-term.....	8,500	.....	1,500	15,000	8,000	6,000
Accounts receivable (net).....	2,359	836	3,533	5,070	877	1,871
Other.....	1,103	1,051	.....	.....	272	.....
Total current assets.....	23,168	34,712	5,033	49,800	17,590	28,776
OTHER ASSETS						
Inventories.....	.....	.....	108	13,988	.....	496
Sinking fund on debentures.....	.....	.....	.....	.....	.....	.....
Miscellaneous assets.....	2,182	7,508	3,867	248	7,868	.....
Total other assets.....	2,182	7,508	3,975	14,236	7,868	496
Equity in Ontario Hydro.....	103,168	168,249	116,402	601,486	57,348	78,867
Total.....	213,279	502,418	204,326	1,063,629	191,145	208,228
LIABILITIES						
Debentures outstanding.....	.....	44,400	.....	27,550	14,500	.....
Current liabilities.....	4,244	15,446	11,174	21,136	7,544	3,969
Other liabilities.....	697	8,620	846	6,674	59	668
Total liabilities.....	4,941	68,466	12,020	55,360	22,103	4,637
RESERVES						
Equity in Ontario Hydro.....	103,168	168,249	116,402	601,486	57,348	78,867
Other reserves.....	.....	.....	.....	.....	.....	.....
Total reserves.....	103,168	168,249	116,402	601,486	57,348	78,867
CAPITAL						
Debentures redeemed.....	14,532	77,600	11,014	80,747	55,500	20,000
Sinking fund debentures.....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds.....	90,638	185,487	64,890	302,037	55,616	104,724
Contributed capital.....	.....	2,616	.....	23,999	578	.....
Total capital.....	105,170	265,703	75,904	406,783	111,694	124,724
Total.....	213,279	502,418	204,326	1,063,629	191,145	208,228
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	54,343	183,356	60,847	302,209	68,045	63,853
Miscellaneous.....	2,395	3,104	1,038	5,741	2,065	3,292
Total revenue.....	56,738	186,460	61,885	307,950	70,110	67,145
EXPENSE						
Power purchased.....	44,106	117,546	47,328	207,332	56,501	40,238
Local generation.....	.....	.....	.....	.....	.....	.....
Operation and maintenance.....	2,306	13,786	5,489	35,344	2,463	5,279
Administration.....	5,755	21,824	6,633	36,413	7,852	8,822
Financial.....	.....	8,350	.....	5,672	5,384	23
Depreciation.....	4,810	9,881	3,667	14,937	3,947	4,911
Other.....	.....	.....	.....	.....	.....	.....
Total expense.....	56,977	171,387	63,117	299,698	76,147	59,273
Net income or net expense.....	239	15,073	1,232	8,252	6,937	7,872
Number of customers.....	486	1,095	687	1,865	434	425

Statements for the Year Ended December 31, 1969

Chalk River 1,093	Chapleau Twp. 3,616	Chatham 32,405	Chatsworth 398	Chesley 1,719	Chesterville 1,284	Chippawa 4,300	Clifford 536	Clinton 3,321
\$ 94,311 35,716	\$ 337,113 20,246	\$ 5,037,145 1,353,022	\$ 43,425 14,936	\$ 185,614 82,435	\$ 122,407 39,239	\$ 384,425 100,202	\$ 74,458 23,346	\$ 471,424 159,670
58,595	316,867	3,684,123	28,489	103,179	83,168	284,223	51,112	311,754
6,679 3,000 553	17,515 1,143 3,361	172,437 200,000 100,000 278,526 5,146	5,367 13,892 964 26	10,140 15,000 4,000 5,170	17,144 6,000 2,825 1,946	1,637 5,605	10,483 10,000 3,000 81	44,374 8,215
10,232 2,634	22,019 179 9,122	756,109 161,919 38,274	20,249	34,310 358	27,915 4,939	7,242 1,267 528	23,564	52,589 5,642
2,634 36,530	9,301 56,024	200,193 3,108,332	..... 41,283	358 231,027	4,939 190,940	1,795 160,113	..... 62,105	5,642 342,962
107,991	404,211	7,748,757	90,021	368,874	306,962	453,373	136,781	712,947
26,500 3,644 522	46,000 61,076 11,209	148,099 216,994 .....	..... 1,675 300	..... 7,801 1,242	..... 756 1,135	33,700 12,906 2,837	2,569 4,277 225	17,500 18,456 5,132
30,666 36,530	118,285 56,024	365,093 3,108,332	1,975 41,283	9,043 231,027	1,891 190,940	49,443 160,113	7,071 62,105	41,088 342,962
36,530 28,500 12,295	56,024 69,000 152,723 8,179	3,108,332 1,369,209 2,766,366 139,757	41,283 5,014 41,749	231,027 24,410 104,234 160	190,940 5,889 108,242	160,113 44,650 183,497 15,670	62,105 12,360 55,245	342,962 104,172 224,725
40,795	229,902	4,275,332	46,763	128,804	114,131	243,817	67,605	328,897
107,991	404,211	7,748,757	90,021	368,874	306,962	453,373	136,781	712,947
41,762 873	171,502 4,943	2,802,711 73,677	19,490 1,538	100,567 2,064	92,395 3,437	163,497 1,972	29,835 1,586	198,016 10,248
42,635	176,445	2,876,388	21,028	102,631	95,832	165,469	31,421	208,264
27,435 2,179 2,696 4,623 3,107	110,584 26,638 30,688 10,408 6,444	1,754,884 467,583 264,998 43,155 117,377	15,469 1,681 3,174 1,723	69,600 6,580 12,457 5,850	83,594 2,477 9,769 3,736	106,003 13,328 15,958 6,512 10,453	22,748 997 2,226 568 2,529	139,573 12,437 34,140 4,387 14,182
40,040	184,762	2,647,997	22,047	94,487	99,576	152,254	29,068	204,719
2,595	8,317	228,391	1,019	8,144	3,744	13,215	2,353	3,545
288	1,050	11,167	194	803	497	1,375	252	1,329

Municipal Electrical Utilities Financial

Municipality.....	Cobden	Cobourg	Cochrane	Colborne	Coldwater	Collingwood
Population.....	901	10,403	4,749	1,429	748	9,195
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	98,836	1,554,556	655,963	214,058	81,938	1,398,245
Less accumulated depreciation.....	29,838	606,445	162,453	36,526	18,767	306,459
Net fixed assets.....	68,998	948,111	493,510	177,532	63,171	1,091,786
CURRENT ASSETS						
Cash on hand and in bank.....	12,264	109,729	45,348	1,054	1,004	748
Investments—short-term.....		25,000				
—long-term.....	6,000	5,000			22,500	9,678
Accounts receivable (net).....	3,015	19,823	7,377	6,713	3,185	18,875
Other.....		517	774	218	4	832
Total current assets.....	21,279	160,069	53,499	7,985	26,693	30,133
OTHER ASSETS						
Inventories.....		20,941	26,069	17,144		24,474
Sinking fund on debentures.....						
Miscellaneous assets.....	179	474	20,981			6,083
Total other assets.....	179	21,415	47,050	17,144		30,557
Equity in Ontario Hydro.....	65,186	1,117,965	175,246	110,050	88,750	974,312
Total.....	155,642	2,247,560	769,305	312,711	178,614	2,126,788
LIABILITIES						
Debentures outstanding.....			27,750			241,000
Current liabilities.....	4,251	69,091	51,421	7,934	10,853	65,026
Other liabilities.....	527	13,967	18,743	2,041	595	9,287
Total liabilities.....	4,778	83,058	97,914	9,975	11,448	315,313
RESERVES						
Equity in Ontario Hydro.....	65,186	1,117,965	175,246	110,050	88,750	974,312
Other reserves.....						
Total reserves.....	65,186	1,117,965	175,246	110,050	88,750	974,312
CAPITAL						
Debentures redeemed.....	4,949	105,994	117,250	12,195	6,867	51,183
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	74,548	922,031	378,895	179,891	71,549	769,819
Contributed capital.....	6,181	18,512		600		16,161
Total capital.....	85,678	1,046,537	496,145	192,686	78,416	837,163
Total.....	155,642	2,247,560	769,305	312,711	178,614	2,126,788
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	44,048	983,778	294,590	107,284	55,569	868,957
Miscellaneous.....	1,240	36,397	15,565	3,313	1,434	23,564
Total revenue.....	45,288	1,020,175	310,155	110,597	57,003	892,521
EXPENSE						
Power purchased.....	36,422	798,056	173,285	75,558	45,890	658,458
Local generation.....						
Operation and maintenance.....	2,151	42,955	37,071	6,152	2,922	51,122
Administration.....	3,772	63,152	38,963	13,737	3,973	55,729
Financial.....			9,090			28,369
Depreciation.....	3,163	61,854	18,665	4,843	2,389	36,196
Other.....						
Total expense.....	45,508	966,017	277,074	100,290	55,174	829,874
Net income or net expense.....	220	54,158	33,081	10,307	1,829	62,647
Number of customers.....	399	3,629	1,489	670	339	3,739

Statements for the Year Ended December 31, 1969

Comber	Coniston	Cookstown	Cottam	Courtright	Creemore	Dashwood	Deep River	Delaware
640	2,732	749	653	666	951	395	5,507	449
\$ 105,281 33,986	\$ 191,698 39,821	\$ 74,426 24,525	\$ 77,345 28,501	\$ 62,909 12,875	\$ 106,730 24,898	\$ 53,960 5,540	\$ 849,803 271,411	\$ 43,706 19,310
71,295	151,877	49,901	48,844	50,034	81,832	48,420	578,392	24,396
17,177	2,407	11,256	3,505	8,177	5,936	30,030	.....	6,266
.....	.....	2,000	11,000	.....	5,000	.....	50,000	16,600
9,157	1,033	1,128	888	866	922	50	6,717	2,528
90	.....	.....	.....	.....	1,200	.....	.....	.....
26,424	3,440	14,384	15,393	9,043	13,058	30,080	56,717	25,394
.....	1,511	.....	.....	25	67	.....	12,206	.....
.....	26,868	.....	526	.....	.....	.....	8,586	.....
.....	28,379	.....	526	25	67	.....	20,792	.....
75,867	56,604	51,751	42,138	35,860	79,434	55,308	206,909	33,819
173,586	240,300	116,036	106,901	94,962	174,391	133,808	862,810	83,609
.....	23,000	.....	.....	.....	.....	.....	135,122	.....
17,488	16,495	5,108	3,921	2,281	5,044	2,095	34,900	2,143
144	10,967	626	.....	684	710	.....	1,323	198
17,632	50,462	5,734	3,921	2,965	5,754	2,095	171,345	2,341
75,867	56,604	51,751	42,138	35,860	79,434	55,308	206,909	33,819
.....
75,867	56,604	51,751	42,138	35,860	79,434	55,308	206,909	33,819
12,489	27,000	12,001	13,893	8,138	2,824	3,400	95,878	4,000
.....
59,524	101,034	46,550	46,949	44,715	86,379	73,005	118,137	42,871
8,074	5,200	.....	.....	3,284	.....	.....	270,541	578
80,087	133,234	58,551	60,842	56,137	89,203	76,405	484,556	47,449
173,586	240,300	116,036	106,901	94,962	174,391	133,808	862,810	83,609
30,734	101,981	35,439	26,827	27,276	44,943	33,765	328,659	22,407
1,864	1,231	857	1,534	589	2,302	576	13,473	3,483
32,598	103,212	36,296	28,361	27,865	47,245	34,341	342,132	25,890
17,990	72,780	30,075	17,741	15,976	34,986	22,361	250,310	15,504
4,291	6,150	4,125	3,075	2,715	3,757	2,727	27,845	2,697
6,681	9,525	1,663	4,604	3,378	4,025	2,823	28,751	2,187
.....	3,872	.....	.....	.....	.....	.....	18,737	.....
3,339	4,840	2,469	2,757	1,770	3,723	1,428	25,852	1,860
.....
32,301	97,167	38,332	28,177	23,839	46,491	29,339	351,495	22,248
297	6,045	2,036	184	4,026	754	5,002	9,363	3,642
242	735	301	260	234	393	194	1,534	156

Municipal Electrical Utilities Financial

Municipality.....	Delhi	Deseronto	Dorchester	Drayton	Dresden	Drumbo
Population.....	3,805	1,768	1,136	697	2,451	458
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	563,319	185,986	99,408	114,613	388,849	41,960
Less accumulated depreciation.....	173,253	83,731	34,874	19,586	92,490	22,028
Net fixed assets.....	390,066	102,255	64,534	95,027	296,359	19,932
CURRENT ASSETS						
Cash on hand and in bank.....	19,359	11,092	6,604	8,467	7,733	4,654
Investments—short-term.....	63,000			2,500		
—long-term.....		4,000	1,500	8,500	1,000	5,500
Accounts receivable (net).....	5,714	9,292	889	779	4,675	981
Other.....receivable.....	25		250			
Total current assets.....	88,098	24,384	9,243	20,246	13,408	11,135
OTHER ASSETS						
Inventories.....	14,856	11,770		246	5,144	
Sinking fund on debentures.....						
Miscellaneous assets.....			117			
Total other assets.....	14,856	11,770	117	246	5,144	
Equity in Ontario Hydro.....	257,966	129,927	60,815	75,675	240,188	44,245
Total.....	750,986	268,336	134,709	191,194	555,099	75,312
LIABILITIES						
Debentures outstanding.....			854		1,305	
Current liabilities.....	17,828	6,375	211	3,332	15,216	247
Other liabilities.....	6,174	1,269	365	722	2,542	179
Total liabilities.....	24,002	7,644	1,430	4,054	19,063	426
RESERVES						
Equity in Ontario Hydro.....	257,966	129,927	60,815	75,675	240,188	44,245
Other reserves.....						
Total reserves.....	257,966	129,927	60,815	75,675	240,188	44,245
CAPITAL						
Debentures redeemed.....	85,000	15,000	6,446	9,500	49,918	4,500
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	345,677	115,765	66,018	101,266	245,620	26,089
Contributed capital.....	38,341			699	310	52
Total capital.....	469,018	130,765	72,464	111,465	295,848	30,641
Total.....	750,986	268,336	134,709	191,194	555,099	75,312
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	219,644	90,215	41,104	42,820	198,072	17,631
Miscellaneous.....	9,401	6,607	2,364	1,546	4,325	1,346
Total revenue.....	229,045	96,822	43,468	44,366	202,397	18,977
EXPENSE						
Power purchased.....	164,514	71,427	32,617	27,922	135,120	14,899
Local generation.....						
Operation and maintenance.....	22,601	8,075	2,316	3,301	15,897	829
Administration.....	26,594	10,060	3,099	3,100	29,807	1,539
Financial.....			244	2	1,344	5
Depreciation.....	16,549	7,888	3,863	3,222	8,328	1,936
Other.....						
Total expense.....	230,258	97,450	42,139	37,547	190,496	19,208
Net income or net expense.....	1,213	628	1,329	6,819	11,901	231
Number of customers.....	1,665	628	385	303	986	179

Statements for the Year Ended December 31, 1969

Dryden	Dublin	Dundalk	Dundas	Dunnville	Durham	Dutton	East York	Eganville
6,815	294	937	16,328	5,389	2,343	746	97,625	1,351
\$ 1,006,227 367,344	\$ 65,416 19,144	\$ 109,297 20,712	\$ 2,780,396 610,124	\$ 760,713 199,032	\$ 302,263 83,586	\$ 100,550 22,340	\$ 11,375,969 3,665,486	\$ 230,955 83,318
638,883	46,272	88,585	2,170,272	561,681	218,677	78,210	7,710,483	147,637
29,736	780	16,058	17,245	15,126	48,536	1,301	54,548	18,252
50,000				32,000				
.....	1,000	11,500	9,000		4,000		200,000	14,726
8,480	441	2,241	94,244	5,604	12,397	442	632,859	1,396
2,032			3,294	609			513	
90,248	2,221	29,799	123,783	53,339	64,933	1,743	887,920	34,374
6,140		178	26,479	33,414	713	13	98,772	1,864
.....							68,548	
4,338			19,879		4,488		92,626	
10,478	.....	178	46,358	33,414	5,201	13	259,946	1,864
262,037	38,671	100,112	1,103,733	560,931	231,447	96,988	7,257,503	43,020
1,001,646	87,164	218,674	3,444,146	1,209,365	520,258	176,954	16,115,852	226,895
74,000	.....	.....	770,600	19,670	23,000	.....	1,881,903	.....
43,934	1,915	5,366	168,623	24,060	11,956	10,542	596,956	6,043
22,110	85	522	62,766	8,666	1,305	8,568	228,850	558
140,044	2,000	5,888	1,001,989	52,396	36,261	19,110	2,707,709	6,601
262,037	38,671	100,112	1,103,733	560,931	231,447	96,988	7,257,503	43,020
.....								
262,037	38,671	100,112	1,103,733	560,931	231,447	96,988	7,257,503	43,020
127,430	6,200	5,727	380,331	120,269	32,324	8,408	1,669,460	98,007
.....							68,548	
472,135	38,739	106,947	783,379	449,407	220,226	52,448	4,195,837	79,267
.....	1,554	.....	174,714	26,362	.....	.....	216,795	.....
599,565	46,493	112,674	1,338,424	596,038	252,550	60,856	6,150,640	177,274
1,001,646	87,164	218,674	3,444,146	1,209,365	520,258	176,954	16,115,852	226,895
396,014	26,139	69,391	1,014,751	335,111	144,740	39,559	5,280,008	81,383
21,629	477	2,035	36,575	5,581	10,251	552	264,326	1,505
417,643	26,616	71,426	1,051,326	340,692	154,991	40,111	5,544,334	82,888
260,917	18,484	53,707	670,648	237,521	111,118	22,025	4,035,413	50,637
.....								9,319
51,992	1,979	6,424	88,480	44,457	13,264	8,614	456,717	3,619
49,543	2,602	7,207	88,845	24,167	17,649	3,589	497,904	7,831
10,710	.....	.....	95,950	5,305	2,420	591	245,243	.....
34,307	2,103	2,730	75,388	19,285	9,334	3,115	430,497	6,258
.....								
407,469	25,168	70,068	1,019,311	330,735	153,785	37,934	5,665,774	77,664
10,174	1,448	1,358	32,015	9,957	1,206	2,177	121,440	5,224
2,216	128	548	5,283	2,100	975	382	34,952	517

Municipal Electrical Utilities Financial

Municipality.....	Elmira	Elmvale	Elmwood	Elora	Embro	Embrun
Population.....	4,462	1,048	450	1,766	687	1,360
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	629,615	121,880	28,671	226,339	99,177	164,425
Less accumulated depreciation.....	200,226	36,025	13,062	77,970	36,048	39,521
Net fixed assets.....	429,389	85,855	15,609	148,369	63,129	124,904
CURRENT ASSETS						
Cash on hand and in bank.....	15,476	8,672	2,894	17,651	.....	1,255
Investments—short-term.....	.....	.....	3,000	.....	3,000	.....
—long-term.....	125,000	12,000	7,000	.....	3,000	.....
Accounts receivable (net).....	6,883	2,236	1,094	1,912	1,184	2,432
Other.....	1,635	.....	.....	.....	625	.....
Total current assets.....	148,994	22,908	13,988	19,563	7,809	3,687
OTHER ASSETS						
Inventories.....	553	56	.....	1,104	.....	.....
Sinking fund on debentures.....	.....	.....	.....	.....	.....	.....
Miscellaneous assets.....	.....	544	.....	.....	.....	5,351
Total other assets.....	553	600	.....	1,104	.....	5,351
Equity in Ontario Hydro.....	595,372	96,965	33,911	186,992	67,442	39,765
Total.....	1,174,308	206,328	63,508	356,028	138,380	173,707
LIABILITIES						
Debentures outstanding.....	.....	.....	.....	600	.....	90,000
Current liabilities.....	29,804	5,408	944	9,572	8,489	19,501
Other liabilities.....	4,294	743	72	2,050	1,170	.....
Total liabilities.....	34,098	6,151	1,016	12,222	9,659	109,501
RESERVES						
Equity in Ontario Hydro.....	595,372	96,965	33,911	186,992	67,442	39,765
Other reserves.....	.....	.....	.....	.....	.....	.....
Total reserves.....	595,372	96,965	33,911	186,992	67,442	39,765
CAPITAL						
Debentures redeemed.....	37,169	6,544	6,106	19,262	7,500	12,000
Sinking fund debentures.....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds.....	506,035	96,668	22,475	136,034	53,779	10,181
Contributed capital.....	1,634	.....	.....	1,518	.....	2,260
Total capital.....	544,838	103,212	28,581	156,814	61,279	24,441
Total.....	1,174,308	206,328	63,508	356,028	138,380	173,707
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	378,829	67,386	13,373	101,064	38,646	85,258
Miscellaneous.....	13,797	2,385	798	3,484	2,301	1,443
Total revenue.....	392,626	69,771	14,171	104,548	40,947	86,701
EXPENSE						
Power purchased.....	322,020	54,622	10,598	64,978	29,065	63,704
Local generation.....	.....	.....	.....	.....	.....	.....
Operation and maintenance.....	20,772	1,816	588	13,879	3,290	1,440
Administration.....	24,381	6,635	2,088	10,129	4,687	5,782
Financial.....	.....	.....	.....	649	383	9,075
Depreciation.....	18,752	4,231	1,031	6,992	3,805	4,971
Other.....	.....	.....	.....	.....	.....	.....
Total expense.....	385,925	67,304	14,305	96,627	41,230	84,972
Net income or net expense.....	6,701	2,467	134	7,921	283	1,729
Number of customers.....	1,516	475	156	644	280	397

Statements for the Year Ended December 31, 1969

Erieau	Erie Beach	Erin	Espanola	Essex	Etobicoke	Exeter	Fenelon Falls	Fergus
462	219	1,284	5,801	3,839	268,130	3,179	1,464	5,191
\$ 107,175 38,909	\$ 26,819 8,100	\$ 137,346 31,105	\$ 514,252 128,914	\$ 496,611 162,675	\$ 39,054,486 8,169,320	\$ 639,377 162,384	\$ 341,462 100,672	\$ 686,235 197,698
68,266	18,719	106,241	385,338	333,936	30,885,166	476,993	240,790	488,537
12,952	9,661	18,877	7,279	2,656	.....	15,239	9,374	46,484
.....	.....	.....	15,000	.....	1,015,000	.....	.....	50,000
3,923	.....	.....	4,000	.....	105,000	9,074	.....	.....
513	364	1,055	6,057	29,813	821,668	4,264	5,021	5,689
.....	.....	675	386	.....	12,158	26	.....	226
17,388	10,025	20,607	32,722	32,469	1,953,826	28,603	14,395	102,399
30	.....	392	799	20,646	869,437	752	4,720	732
.....	.....	.....	.....	.....	3,096,371	.....	.....	.....
.....	.....	.....	10,095	1,700	163,708	1,217	.....	1,392
30	.....	392	10,894	22,346	4,129,516	1,969	4,720	2,124
69,327	12,291	53,842	109,710	271,406	16,782,991	348,190	9,177	589,110
155,011	41,035	181,082	538,664	660,157	53,751,499	855,755	269,082	1,182,170
.....	.....	.....	102,000	5,200	9,373,951	39,089	60,000	69,000
3,077	589	6,512	36,557	41,610	2,533,911	15,725	19,483	45,941
288	189	1,285	13,627	200	364,863	3,411	3,317	4,485
3,365	778	7,797	152,184	47,010	12,272,725	58,225	82,800	119,426
69,327	12,291	53,842	109,710	271,406	16,782,991	348,190	9,177	589,110
.....
69,327	12,291	53,842	109,710	271,406	16,782,991	348,190	9,177	589,110
20,529	7,783	14,242	43,000	45,864	3,604,195	25,911	100,000	65,961
.....	.....	.....	.....	.....	3,096,371	.....	.....	.....
61,790	20,183	105,201	150,064	291,807	15,172,004	379,287	67,964	396,672
.....	.....	.....	83,706	4,070	2,823,213	44,142	9,141	11,001
82,319	27,966	119,443	276,770	341,741	24,695,783	449,340	177,105	473,634
155,011	41,035	181,082	538,664	660,157	53,751,499	855,755	269,082	1,182,170
38,944	9,318	82,083	266,856	205,147	20,131,887	248,506	124,896	509,163
1,374	432	4,953	10,626	5,033	363,436	4,763	2,064	11,774
40,318	9,750	87,036	277,482	210,180	20,495,323	253,269	126,960	520,937
27,054	5,287	55,018	196,689	138,100	15,435,116	157,408	64,888	407,539
.....	.....	.....	.....	.....	.....	.....	26,601	.....
6,202	1,035	5,008	20,416	17,127	1,227,134	25,476	14,562	24,975
6,342	2,087	6,359	31,023	27,269	1,063,374	31,506	10,621	32,915
.....	.....	.....	13,103	1,482	976,569	3,770	9,735	6,572
3,546	883	5,226	14,084	13,615	1,023,203	18,034	8,314	21,171
.....
43,144	9,292	71,611	275,315	197,593	19,725,396	236,194	134,721	493,172
2,826	458	15,425	2,167	12,587	769,927	17,075	7,761	27,765
388	148	508	1,634	1,324	85,745	1,407	878	1,818

Municipal Electrical Utilities Financial

Municipality	Finch	Flesherton	Fonthill	Forest	Fort William 49,000	Frankford
Population	409	551	2,950	2,246		1,843
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	60,679	57,790	273,404	288,806	6,229,979	169,222
Less accumulated depreciation	17,003	18,094	93,115	139,475	2,500,974	55,213
Net fixed assets	43,676	39,696	180,289	149,331	3,729,005	114,009
CURRENT ASSETS						
Cash on hand and in bank	2,875	1,936	11,687	30,815	127,855	10,951
Investments—short-term					445,000	
—long-term	6,000	6,000		10	50,000	
Accounts receivable (net)	5,279	971	3,183	3,048	232,172	1,255
Other	299				1,942	321
Total current assets	14,453	8,907	14,870	33,873	856,969	12,527
OTHER ASSETS						
Inventories			142	3,269	170,934	
Sinking fund on debentures						
Miscellaneous assets	289	2			10,301	535
Total other assets	289	2	142	3,269	181,235	535
Equity in Ontario Hydro	43,260	51,331	133,252	261,362	7,529,331	66,570
Total	101,678	99,936	328,553	447,835	12,296,540	193,641
LIABILITIES						
Debentures outstanding			2,000		206,000	11,000
Current liabilities	4,012	8,138	7,369	12,614	260,302	9,488
Other liabilities	358	2,095	2,532	1,500	187,124	1,616
Total liabilities	4,370	10,233	11,901	14,114	653,426	22,104
RESERVES						
Equity in Ontario Hydro	43,260	51,331	133,252	261,362	7,529,331	66,570
Other reserves						
Total reserves	43,260	51,331	133,252	261,362	7,529,331	66,570
CAPITAL						
Debentures redeemed	7,000	5,831	58,173	23,357	856,139	22,000
Sinking fund debentures						
Accumulated net income invested in plant or held as working funds	42,797	32,192	121,877	136,137	3,219,341	82,967
Contributed capital	4,251	349	3,350	12,865	38,303	
Total capital	54,048	38,372	183,400	172,359	4,113,783	104,967
Total	101,678	99,936	328,553	447,835	12,296,540	193,641
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	22,428	42,098	119,559	144,333	2,612,201	80,749
Miscellaneous	271	878	5,912	9,891	207,986	5,935
Total revenue	22,699	42,976	125,471	154,224	2,820,187	86,684
EXPENSE						
Power purchased	15,987	36,994	89,045	105,639	1,985,253	65,567
Local generation						
Operation and maintenance	1,027	1,924	12,925	15,702	267,601	4,745
Administration	2,696	2,831	11,769	18,032	342,637	9,780
Financial			633		53,833	1,247
Depreciation	1,947	2,007	10,286	11,053	224,169	7,693
Other						
Total expense	21,657	43,756	124,658	150,426	2,873,493	89,032
Net income or net expense	1,042	780	813	3,798	53,306	2,348
Number of customers	182	262	909	959	15,791	691

Statements for the Year Ended December 31, 1969

Galt	Georgetown	Glencoe	Gloucester	Goderich	Grand Bend	Grand Valley	Granton	Gravenhurst
36,330	15,465	1,276	28,103	6,698	633	872	351	3,283
\$ 5,300,785 1,858,054	\$ 1,909,926 484,341	\$ 205,973 70,828	\$ 4,344,889 969,300	\$ 1,205,744 385,097	\$ 246,527 68,169	\$ 77,871 26,282	\$ 29,614 6,633	\$ 417,421 116,213
3,442,731	1,425,585	135,145	3,375,589	820,647	178,358	51,589	22,981	301,208
64,371	200	225	30,251	54,557	10,826	13,526	10,686	110
50,000	14,000			97,912		15,000		
91,550	13,676	5,262	578,359	13,743	2,376	3,000		7,000
	1,084	264	5,359	28	78	784	1,209	8,621
						1,752	364	
205,921	28,960	5,751	613,969	166,240	13,280	34,062	12,259	15,731
129,375	51,641	1,106	133,816	6,659	594	30		9,827
39,388	13,404		110,314		7,918	733	760	1,803
168,763	65,045	1,106	244,130	6,659	8,512	763	760	11,630
3,870,178	992,188	123,237	734,568	897,174	92,955	86,525	32,566	363,106
7,687,593	2,511,778	265,239	4,968,256	1,890,720	293,105	172,939	68,566	691,675
	504,816		2,878,181	17,500	29,530			70,000
182,853	142,010	13,704	439,593	58,303	8,094	3,915	1,180	10,645
97,226	27,977	638	11,174		749		46	3,974
280,079	674,803	14,342	3,328,948	75,803	38,373	3,915	1,226	84,619
3,870,178	992,188	123,237	734,568	897,174	92,955	86,525	32,566	363,106
3,870,178	992,188	123,237	734,568	897,174	92,955	86,525	32,566	363,106
817,298	238,744	20,113	280,282	195,459	61,470	10,794	6,602	44,279
2,470,033	606,043	95,003	162,902	711,774	93,891	71,705	28,172	194,992
250,005		12,544	461,556	10,510	6,416			4,679
3,537,336	844,787	127,660	904,740	917,743	161,777	82,499	34,774	243,950
7,687,593	2,511,778	265,239	4,968,256	1,890,720	293,105	172,939	68,566	691,675
2,669,617	921,217	85,254	1,955,123	564,977	96,589	43,377	15,143	200,758
28,593	43,544	1,548	91,987	18,211	2,460	1,656	1,120	6,734
2,698,210	964,761	86,802	2,047,110	583,188	99,049	45,033	16,263	207,492
1,987,490	688,841	50,495	1,365,145	399,498	51,680	35,549	9,920	148,283
205,768	57,940	10,742	80,369	32,376	9,898	4,326	2,364	19,555
187,246	75,101	12,303	158,127	70,239	16,745	3,876	1,789	20,151
	62,383		247,697	9,110	6,821			6,017
152,328	63,786	6,561	132,077	37,415	7,024	2,572	882	12,712
2,532,832	948,051	80,101	1,983,415	548,638	92,168	46,323	14,955	206,718
165,378	16,710	6,701	63,695	34,550	6,881	1,290	1,308	774
10,828	4,865	623	7,441	2,726	869	378	128	1,513

Municipal Electrical Utilities Financial

Municipality.....	Grimsby	Guelph	Hagersville	Hamilton	Hanover	Harriston
Population.....	6,800	55,625	2,259	294,707	4,984	1,694
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	696,261	8,706,742	282,764	36,561,225	622,346	308,593
Less accumulated depreciation.....	197,657	1,739,652	77,587	6,279,089	213,850	83,171
Net fixed assets.....	498,604	6,967,090	205,177	30,282,136	408,496	225,422
CURRENT ASSETS						
Cash on hand and in bank.....	68,211	112,040	17,315	406,298	33,883	14,509
Investments—short-term.....	60,000	175,000	20,000	505,000		
—long-term.....			12,000		22,000	7,000
Accounts receivable (net).....	3,855	157,589	1,750	2,604,702	17,104	8,651
Other.....	260	5,115		6,809		
Total current assets.....	132,326	449,744	51,065	3,522,809	72,987	30,160
OTHER ASSETS						
Inventories.....		134,939	65	1,050,771	11,705	552
Sinking fund on debentures.....						
Miscellaneous assets.....	3,152	8,944		61,694		358
Total other assets.....	3,152	143,883	65	1,112,465	11,705	910
Equity in Ontario Hydro.....	309,105	5,110,965	379,307	51,962,800	603,740	227,697
Total.....	943,187	12,671,682	635,614	86,880,210	1,096,928	484,189
LIABILITIES						
Debentures outstanding.....	48,000	1,105,000		414,000		29,000
Current liabilities.....	36,932	223,828	10,723	2,838,240	29,133	9,433
Other liabilities.....	11,185	104,284	1,854	260,059	4,220	2,053
Total liabilities.....	96,117	1,433,112	12,577	3,512,299	33,353	40,486
RESERVES						
Equity in Ontario Hydro.....	309,105	5,110,965	379,307	51,962,800	603,740	227,697
Other reserves.....				213,323		
Total reserves.....	309,105	5,110,965	379,307	52,176,123	603,740	227,697
CAPITAL						
Debentures redeemed.....	127,344	1,155,279	8,000	7,295,892	80,162	36,708
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	407,729	4,420,483	234,518	23,393,875	365,407	179,298
Contributed capital.....	2,892	551,843	1,212	502,021	14,266	
Total capital.....	537,965	6,127,605	243,730	31,191,788	459,835	216,006
Total.....	943,187	12,671,682	635,614	86,880,210	1,096,928	484,189
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	333,987	5,060,350	162,563	31,691,761	396,264	133,113
Miscellaneous.....	16,305	118,511	6,085	409,826	5,649	2,847
Total revenue.....	350,292	5,178,861	168,648	32,101,587	401,913	135,960
EXPENSE						
Power purchased.....	232,243	3,587,709	115,763	27,278,771	312,935	88,817
Local generation.....						
Operation and maintenance.....	22,240	263,548	21,186	1,553,450	20,810	12,076
Administration.....	42,554	425,967	14,095	1,591,170	25,973	10,072
Financial.....	9,677	164,853	501	113,723		2,791
Depreciation.....	20,912	248,951	8,406	897,457	17,441	8,489
Other.....						
Total expense.....	327,626	4,691,028	159,951	31,434,571	377,159	122,245
Net income or net expense.....	22,666	487,833	8,697	667,016	24,754	13,715
Number of customers.....	2,320	16,256	895	95,414	1,932	738

Statements for the Year Ended December 31, 1969

Harrow	Hastings	Havelock	Hawkesbury	Hearst	Hensall	Hespeler	Highgate	Holstein
1,938	858	1,261	8,927	3,385	935	6,082	406	168
\$ 315,115 106,288	\$ 146,411 46,622	\$ 147,430 52,742	\$ 990,318 276,322	\$ 375,741 92,132	\$ 168,931 60,253	\$ 828,932 209,845	\$ 50,986 22,598	\$ 14,214 4,995
208,827	99,789	94,688	713,996	283,609	108,678	619,087	28,388	9,219
16,255	2,236	27,280	18,148	4,618	20,077	235	1,683	6,342
.....	.....	.....	25,000	.....	.....	.....	.....	.....
.....	.....	32,102	.....	40,000	8,926	.....	3,000	.....
756	1,384	1,279	8,001	6,084	1,576	53,080	5,029	209
220	372	700	148	.....	.....	3,394	.....	.....
17,231	3,992	61,361	51,297	50,702	30,579	56,709	9,712	6,551
207	.....	.....	24,036	.....	49	414	.....	.....
4,184	880	4,545	1,133	.....	5,412	.....	.....	.....
4,391	880	4,545	25,169	.....	5,461	414	.....	.....
237,341	61,898	96,154	252,783	154,056	128,939	932,504	46,368	18,374
467,790	166,559	256,748	1,043,245	488,367	273,657	1,608,714	84,468	34,144
.....	.....	3,000	75,000	.....	.....	.....	.....	.....
11,184	6,784	3,868	45,566	43,549	6,088	49,589	3,519	683
1,395	3,776	416	8,060	5,598	481	7,217	276	76
12,579	10,560	7,284	128,626	49,147	6,569	56,806	3,795	759
237,341	61,898	96,154	252,783	154,056	128,939	932,504	46,368	18,374
.....
237,341	61,898	96,154	252,783	154,056	128,939	932,504	46,368	18,374
12,000	21,000	59,900	210,000	72,177	12,000	77,571	5,000	2,762
.....
205,870	71,460	92,707	425,154	212,026	125,053	530,710	29,305	12,249
.....	1,641	703	26,682	961	1,096	11,123	.....	.....
217,870	94,101	153,310	661,836	285,164	138,149	619,404	34,305	15,011
467,790	166,559	256,748	1,043,245	488,367	273,657	1,608,714	84,468	34,144
142,832	55,644	54,292	536,643	233,427	80,226	489,547	22,049	8,038
9,827	1,722	4,031	14,277	7,232	1,393	17,702	620	53
152,659	57,366	58,323	550,920	240,659	81,619	507,249	22,669	8,091
102,128	36,673	38,104	391,285	178,615	56,800	387,860	16,105	6,571
11,497	2,976	3,346	27,535	17,631	5,566	31,248	1,704	142
25,286	7,427	7,478	49,090	24,988	8,219	36,858	2,118	774
.....	.....	1,658	21,179	701	.....	.....	.....	.....
11,252	5,124	4,907	31,983	12,468	5,204	23,183	1,890	464
.....
150,163	52,200	55,493	521,072	234,403	75,789	479,149	21,817	7,951
2,496	5,166	2,830	29,848	6,256	5,830	28,100	852	140
770	443	481	2,564	960	393	1,906	178	98

Municipal Electrical Utilities Financial

Municipality.....	Huntsville	Ingersoll	Iroquois	Jarvis	Kapuskasing	Kemptville
Population.....	3,359	7,330	1,185	919	12,183	2,233
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	472,112	1,130,141	193,701	97,949	777,385	464,579
Less accumulated depreciation.....	120,272	342,329	65,904	29,890	163,418	71,240
Net fixed assets.....	351,840	787,812	127,797	68,059	613,967	393,339
CURRENT ASSETS						
Cash on hand and in bank.....	597	21,490	12,022	27,818	18,307	754
Investments—short-term.....		40,000			10,000	
—long-term.....	40,000		38,000			1,000
Accounts receivable (net).....	9,548	11,957	1,917	2,452	16,030	17,070
Other.....		1,438	910	48	1,607	
Total current assets.....	50,145	74,885	52,849	30,318	45,944	18,824
OTHER ASSETS						
Inventories.....	8,766	49,675	224		12,340	19,077
Sinking fund on debentures.....						
Miscellaneous assets.....	6,824	2,245	4,447		5,874	386
Total other assets.....	15,590	51,920	4,671		18,214	19,463
Equity in Ontario Hydro.....	461,423	1,065,355	89,611	86,258	254,850	234,624
Total.....	878,998	1,979,972	274,928	184,635	932,975	666,250
LIABILITIES						
Debentures outstanding.....		21,309			146,950	31,000
Current liabilities.....	497	44,318	5,809	3,324	46,387	131,915
Other liabilities.....	1,678	7,094	1,656	596	11,684	2,049
Total liabilities.....	2,175	72,721	7,465	3,920	205,021	164,964
RESERVES						
Equity in Ontario Hydro.....	461,423	1,065,355	89,611	86,258	254,850	234,624
Other reserves.....						
Total reserves.....	461,423	1,065,355	89,611	86,258	254,850	234,624
CAPITAL						
Debentures redeemed.....	15,697	178,491		10,500	138,529	20,506
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	399,703	658,425	59,617	78,195	334,575	246,156
Contributed capital.....		4,980	118,235	5,762		
Total capital.....	415,400	841,896	177,852	94,457	473,104	266,662
Total.....	878,998	1,979,972	274,928	184,635	932,975	666,250
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	230,700	503,652	70,300	38,186	385,265	204,440
Miscellaneous.....	8,312	23,550	3,894	1,115	9,260	12,080
Total revenue.....	239,012	527,202	74,194	39,301	394,525	216,520
EXPENSE						
Power purchased.....	178,278	360,828	58,277	22,710	256,390	130,973
Local generation.....						
Operation and maintenance.....	19,483	36,408	7,068	2,384	22,429	14,365
Administration.....	18,902	56,331	8,733	4,936	60,889	27,679
Financial.....		11,739			19,409	10,053
Depreciation.....	12,708	30,586	5,670	3,407	24,071	11,430
Other.....						
Total expense.....	229,371	495,892	79,748	33,437	383,188	194,500
Net income or net expense.....	9,641	31,310	5,554	5,864	11,337	22,020
Number of customers.....	1,366	2,595	446	333	2,356	1,000

Statements for the Year Ended December 31, 1969

Kenora	Killaloe Station	Kincardine	King City	Kingston	Kingsville	Kirkfield	Kitchener	Lakefield
12,973	768	2,747	1,941	55,495	3,815	111	105,245	2,079
\$ 1,680,651 411,710	\$ 68,019 25,659	\$ 404,316 137,956	\$ 177,173 84,905	\$ 8,918,416 2,902,447	\$ 453,787 169,260	\$ 34,212 10,240	\$ 18,292,796 4,470,420	\$ 356,377 119,287
1,268,941	42,360	266,360	92,268	6,015,969	284,527	23,972	13,822,376	237,090
42,953	6,153	24,797	22,276	500,302	11,106	1,953	566,260	52,311
55,000	20,000			895,000			200,000	
25,000		25,000	40,000		8,500	6,000		21,000
66,771	531	9,624	2,641	322,674	5,394	526	884,035	3,377
				7,022	188		4,593	110
189,724	26,684	59,421	64,917	1,724,998	25,188	8,479	1,654,888	76,798
		15,613	76	264,462	1,837		444,028	6,878
	2,455	10,688	4,137				30,142	168
	2,455	26,301	4,213	264,462	1,837		474,170	7,046
71,460	25,046	379,271	61,274	4,537,437	316,653	18,758	10,116,125	186,686
1,530,125	96,545	731,353	222,672	12,542,866	628,205	51,209	26,067,559	507,620
473,000	27,500		87,300	1,878,000			1,723,000	
86,308	2,063	16,808	14,546	466,570	30,924	22	771,337	19,045
18,572	135	3,027	1,592	17,233	5,652	13	122,529	1,972
577,880	29,698	19,835	103,438	2,361,803	36,576	35	2,616,866	21,021
71,460	25,046	379,271	61,274	4,537,437	316,653	18,758	10,116,125	186,686
71,460	25,046	379,271	61,274	4,537,437	316,653	18,758	10,116,125	186,686
142,652	12,500	60,000	23,515	1,192,185	33,500	5,766	2,804,244	33,500
738,133	29,301	270,016	33,932	4,391,618	217,945	26,650	9,611,281	266,413
		2,231	513	59,823	23,531		919,043	
880,785	41,801	332,247	57,960	5,643,626	274,976	32,416	13,334,568	299,913
1,530,125	96,545	731,353	222,672	12,542,866	628,205	51,209	26,067,559	507,620
677,412	30,744	188,427	97,596	3,815,467	216,120	11,295	7,842,540	147,200
31,594	2,054	8,665	10,236	191,305	2,840	659	66,682	6,512
709,006	32,798	197,092	107,832	4,006,772	218,960	11,954	7,909,222	153,712
433,844	21,522	140,236	77,858	2,754,211	151,650	7,038	5,758,887	103,050
79,772	1,355	16,623	5,894	307,628	18,535	975	454,064	11,680
68,931	4,530	17,092	9,032	402,888	26,682	812	522,689	9,630
45,681	3,781		9,666	221,613			296,265	
53,044	2,119	12,636	7,908	262,287	13,815	1,227	434,461	12,854
681,272	33,307	186,587	110,358	3,948,627	210,682	10,052	7,466,366	137,214
27,734	509	10,505	2,526	58,145	8,278	1,902	442,856	16,498
4,611	304	1,437	555	19,446	1,564	116	32,167	858

Municipal Electrical Utilities Financial

Municipality.....	Lambeth	Lanark	Lancaster	Larder Lake Twp.	Latchford	Leamington
Population.....	2,719	903	596	1,512	535	9,700
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	225,495	88,877	55,712	84,209	61,813	1,187,013
Less accumulated depreciation.....	75,724	22,365	19,271	39,755	17,195	342,721
Net fixed assets.....	149,771	66,512	36,441	44,454	44,618	844,292
CURRENT ASSETS						
Cash on hand and in bank.....	61,313	1,282	18,473	15,148	2,900	49,214
Investments—short-term.....				22,000		10,000
—long-term.....		4,000	11,755			2,000
Accounts receivable (net).....	2,346	975	1,578	914	1,162	21,432
Other.....	250		335			
Total current assets.....	63,909	6,257	32,141	38,062	4,062	82,646
OTHER ASSETS						
Inventories.....		254				34,674
Sinking fund on debentures.....						
Miscellaneous assets.....			4,939			24,587
Total other assets.....		254	4,939			59,261
Equity in Ontario Hydro.....	119,072	56,164	43,758	71,593	12,968	923,749
Total.....	332,752	129,187	117,279	154,109	61,648	1,909,948
LIABILITIES						
Debentures outstanding.....	2,447					30,500
Current liabilities.....	11,126	8,882	3,704	9,444	2,151	51,808
Other liabilities.....	966	406	364	4,998	602	37,849
Total liabilities.....	14,539	9,288	4,068	14,442	2,753	120,157
RESERVES						
Equity in Ontario Hydro.....	119,072	56,164	43,758	71,593	12,968	923,749
Other reserves.....						
Total reserves.....	119,072	56,164	43,758	71,593	12,968	923,749
CAPITAL						
Debentures redeemed.....	30,053	7,316	8,917	15,752	18,901	95,600
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	154,576	54,432	57,197	51,872	23,432	765,031
Contributed capital.....	14,512	1,987	3,339	450	3,594	5,411
Total capital.....	199,141	63,735	69,453	68,074	45,927	866,042
Total.....	332,752	129,187	117,279	154,109	61,648	1,909,948
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	112,434	36,346	28,809	58,780	19,901	638,437
Miscellaneous.....	7,707	1,247	1,877	2,485	451	6,753
Total revenue.....	120,141	37,593	30,686	61,265	20,352	645,190
EXPENSE						
Power purchased.....	79,920	29,276	22,247	46,438	13,769	477,899
Local generation.....						
Operation and maintenance.....	5,781	2,822	2,102	3,980	1,246	33,905
Administration.....	11,375	3,206	4,011	7,656	2,206	68,309
Financial.....	1,308			3	3	7,231
Depreciation.....	8,436	2,915	1,822	3,118	1,908	31,711
Other.....						
Total expense.....	106,820	38,219	30,182	61,195	19,132	619,055
Net income or net expense.....	13,321	626	504	70	1,220	26,135
Number of customers.....	824	301	226	487	166	3,678

Statements for the Year Ended December 31, 1969

Lindsay	Listowel	London	L'Orignal	Lucan	Lucknow	Lynden	Madoc	Magneta- wan 205
11,975	4,485	208,273	0,000	1,079	1,008	574	1,267	
\$ 1,727,721 595,171	\$ 622,290 249,656	\$ 34,375,280 9,351,131	\$ 163,659 58,141	\$ 154,609 52,669	\$ 113,532 25,834	\$ 56,592 22,151	\$ 254,878 96,054	\$ 38,163 14,115
1,132,550	372,634	25,024,149	105,518	101,940	87,698	34,441	158,824	24,048
2,897	55,847	506,645	13,491	2,111	19,560	5,650	6,807	5,715
75,000	21,351	200,000	10,000	.....	15,000	5,000	.....	.....
.....	20,000	253,020	.....	.....	24,000	10,000	5,000	2,000
14,194	2,708	987,706	512	3,069	2,949	390	2,923	22
.....	.....	13,711	434	.....	.....	.....	.....	.....
92,091	99,906	1,961,082	24,437	5,180	61,509	21,040	14,730	7,737
22,367	385	1,276,335	.....	216	.....	.....	7,139	395
12,466	161	124,429	3,015	1,020	6,465	.....	.....	490
34,833	546	1,400,764	3,015	1,236	6,465	.....	7,139	885
1,307,718	568,131	16,202,664	35,408	104,508	154,382	57,648	125,452	9,102
2,567,192	1,041,217	44,588,659	168,378	212,864	310,054	113,129	306,145	41,772
44,000	9,400	8,311,970	6,000	.....	.....	.....	.....	.....
122,287	32,103	1,724,877	6,891	4,744	5,065	2,305	6,812	936
8,038	.....	701,810	594	774	.....	146	1,454	.....
174,325	41,503	10,738,657	13,485	5,518	5,065	2,451	8,266	936
1,307,718	568,131	16,202,664	35,408	104,508	154,382	57,648	125,452	9,102
.....	.....	186,044	.....	.....	.....	.....	.....	.....
1,307,718	568,131	16,388,708	35,408	104,508	154,382	57,648	125,452	9,102
136,000	123,434	5,177,969	22,000	11,214	17,614	4,495	14,000	24,000
.....
946,055	303,458	11,765,814	96,532	91,624	132,993	48,535	158,427	7,734
3,094	4,691	517,511	953	.....	.....	.....	.....	.....
1,085,149	431,583	17,461,294	119,485	102,838	150,607	53,030	172,427	31,734
2,567,192	1,041,217	44,588,659	168,378	212,864	310,054	113,129	306,145	41,772
894,019	314,732	13,663,361	61,215	65,864	67,333	28,103	79,386	10,235
46,633	12,112	568,151	4,129	2,382	2,161	2,511	5,600	441
940,652	326,844	14,231,512	65,344	68,246	69,494	30,614	84,986	10,676
724,510	245,536	9,503,952	43,178	43,189	48,584	23,655	64,437	7,152
77,930	29,080	890,919	3,299	8,148	2,952	992	4,221	406
93,347	19,628	1,067,673	7,005	9,250	8,925	3,852	7,148	1,565
4,645	2,682	1,121,952	2,400	.....	.....	.....	.....	2,184
53,358	20,958	1,071,118	6,508	5,495	3,224	2,250	9,569	1,224
953,790	317,884	13,655,614	62,390	66,082	63,685	30,749	85,375	12,531
13,138	8,960	575,898	2,954	2,164	5,809	135	389	1,855
4,512	1,816	65,806	437	407	486	183	626	119

Municipal Electrical Utilities Financial

Municipality.....	Markdale	Markham	Marmora	Martintown	Massey	Maxville
Population.....	1,094	9,124	1,289	377	1,287	761
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	120,714	1,008,312	156,813	41,061	123,710	117,838
Less accumulated depreciation.....	23,028	194,186	66,856	17,301	28,058	28,576
Net fixed assets.....	97,686	814,126	89,957	23,760	95,652	89,262
CURRENT ASSETS						
Cash on hand and in bank.....	14,658	22,922	48	6,260	3,624	9,028
Investments—short-term.....					4,000	15,000
—long-term.....	10,000		3,000		15,000	1,500
Accounts receivable (net).....	2,706	24,163	566	1,698	2,416	1,344
Other.....	538	7,920			127	
Total current assets.....	27,902	55,005	3,614	7,958	25,167	26,872
OTHER ASSETS						
Inventories.....	347	7,347	3,979		407	
Sinking fund on debentures.....						
Miscellaneous assets.....	7,352	26,233		1,061	2,552	
Total other assets.....	7,699	33,580	3,979	1,061	2,959	
Equity in Ontario Hydro.....	99,728	348,588	92,166	21,094	34,464	79,024
Total.....	233,015	1,251,299	189,716	53,873	158,242	195,158
LIABILITIES						
Debentures outstanding.....		103,990			16,500	
Current liabilities.....	11,454	79,991	7,145	14	4,816	4,520
Other liabilities.....	607	152,495	1,069	51	1,305	207
Total liabilities.....	12,061	336,476	8,214	65	22,621	4,727
RESERVES						
Equity in Ontario Hydro.....	99,728	348,588	92,166	21,094	34,464	79,024
Other reserves.....						
Total reserves.....	99,728	348,588	92,166	21,094	34,464	79,024
CAPITAL						
Debentures redeemed.....	6,370	89,328	15,092	5,347	28,500	13,642
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	114,856	355,218	74,244	27,367	72,657	96,050
Contributed capital.....		121,689				1,715
Total capital.....	121,226	566,235	89,336	32,714	101,157	111,407
Total.....	233,015	1,251,299	189,716	53,873	158,242	195,158
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	66,761	594,940	72,848	11,684	59,346	52,875
Miscellaneous.....	2,890	19,134	1,975	338	1,806	1,698
Total revenue.....	69,651	614,074	74,823	12,022	61,152	54,573
EXPENSE						
Power purchased.....	54,154	470,410	52,334	8,359	40,958	38,029
Local generation.....						
Operation and maintenance.....	3,281	23,194	7,249	1,136	5,149	5,763
Administration.....	4,707	56,619	5,897	1,576	8,526	2,716
Financial.....		29,058			3,958	
Depreciation.....	3,711	27,732	5,668	1,408	3,363	3,492
Other.....						
Total expense.....	65,853	607,013	71,148	12,479	61,954	50,000
Net income or net expense.....	3,798	7,061	3,675	457	802	4,573
Number of customers.....	531	2,885	534	123	401	329

Statements for the Year Ended December 31, 1969

McGarry Twp. 1,930	Meaford 4,112	Merlin 633	Merrick- ville 839	Midland 10,982	Mildmay 973	Millbrook 897	Milton 6,611	Milverton 1,106
\$ 98,619 37,893	\$ 486,741 143,682	\$ 108,585 44,329	\$ 99,426 21,706	\$ 1,256,397 496,612	\$ 84,081 15,062	\$ 105,303 32,550	\$ 1,105,607 345,373	\$ 163,489 36,686
60,726	343,059	64,256	77,720	759,785	69,019	72,753	760,234	126,803
9,758	81,439	8,200	11,290	5,549	1,344	29,290	12,537	16,266
25,000				30,000			100,000	6,000
	14,000	30,000			7,500	5,000		
2,394	9,604	581	2,691	29,133	2,338	2,709	8,284	1,336
				1,431				16
37,152	105,043	38,781	13,981	66,113	11,182	36,999	120,821	23,618
	19,667	724		25,610	181		2,304	220
	6,514		353	6,021	3,797	132	78	
	26,181	724	353	31,631	3,978	132	2,382	220
71,967	393,520	62,680	44,217	1,362,834	63,303	51,784	648,959	196,370
169,845	867,803	166,441	136,271	2,220,363	147,482	161,668	1,532,396	347,011
	107,000		1,700	250,000			28,495	5,100
370	20,694	3,988	4,801	23,743	3,125	4,406	85,884	8,174
3,333	10,136	311	1,220	4,323	606	925	6,148	567
3,703	137,830	4,299	7,721	278,066	3,731	5,331	120,527	13,841
71,967	393,520	62,680	44,217	1,362,834	63,303	51,784	648,959	196,370
				11,661				
71,967	393,520	62,680	44,217	1,374,495	63,303	51,784	648,959	196,370
13,782	50,724	13,122	23,300	111,945	12,304	9,000	95,236	19,160
80,393	285,729	86,171	57,608	455,857	67,752	89,803	666,556	114,105
		169	3,425		392	5,750	1,118	3,535
94,175	336,453	99,462	84,333	567,802	80,448	104,553	762,910	136,800
169,845	867,803	166,441	136,271	2,220,363	147,482	161,668	1,532,396	347,011
54,897	306,672	40,546	49,187	740,442	43,999	46,834	461,442	88,621
2,781	10,331	4,674	786	9,913	1,565	4,732	41,264	1,307
57,678	317,003	45,220	49,973	750,355	45,564	51,566	502,706	89,928
41,166	217,234	25,595	38,413	620,531	29,468	30,808	387,723	55,254
1,802	15,347	3,128	3,896	54,551	6,309	2,470	27,902	7,193
9,841	39,927	8,451	3,779	38,875	5,673	3,413	53,777	10,835
1	6,080		1,716	23,712			7,251	1,164
3,386	14,518	3,437	2,928	38,817	2,628	5,129	33,785	4,267
56,196	293,106	40,611	50,732	776,486	44,078	41,820	510,438	78,713
1,482	23,897	4,609	759	26,131	1,486	9,746	7,732	11,215
413	1,728	290	370	3,758	374	347	2,073	526

Municipal Electrical Utilities Financial

Municipality	Mississauga	Mitchell	Moorefield	Morrisburg	Mount Brydges	Mount Forest
Population	132,041	2,461	290	2,007	1,184	2,962
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	30,109,869	530,424	40,929	266,721	117,606	301,303
Less accumulated depreciation	3,125,591	118,248	14,751	78,942	22,611	92,125
Net fixed assets	26,984,278	412,176	26,178	187,779	94,995	209,178
CURRENT ASSETS						
Cash on hand and in bank		150	7,762	13,268	19,551	15,603
Investments—short-term	14,000					
—long-term	8,000		1,000	11,000		15,000
Accounts receivable (net)	582,658	14,191	170	8,533	1,041	9,451
Other	748,294	371				
Total current assets	1,352,952	14,712	8,932	32,801	20,592	40,054
OTHER ASSETS						
Inventories	1,065,037	15,139		11,304		5,992
Sinking fund on debentures	81,330					
Miscellaneous assets	191,963	222			177	2,120
Total other assets	1,338,330	15,361		11,304	177	8,112
Equity in Ontario Hydro	5,908,329	310,070	42,428	142,594	57,275	285,580
Total	35,583,889	752,319	77,538	374,478	173,039	542,924
LIABILITIES						
Debentures outstanding	7,900,996	34,500			9,600	
Current liabilities	2,367,558	17,408	3,070	9,994	3,873	329
Other liabilities	2,007,295	38,838		2,605	801	2,708
Total liabilities	12,275,849	90,746	3,070	12,599	14,274	3,037
RESERVES						
Equity in Ontario Hydro	5,908,329	310,070	42,428	142,594	57,275	285,580
Other reserves						
Total reserves	5,908,329	310,070	42,428	142,594	57,275	285,580
CAPITAL						
Debentures redeemed	1,306,721	47,609	4,500	31,636	9,443	21,627
Sinking fund debentures	81,330					
Accumulated net income invested in plant or held as working funds	8,807,263	299,926	27,540	109,770	91,927	232,680
Contributed capital	7,204,397	3,968		77,879	120	
Total capital	17,399,711	351,503	32,040	219,285	101,490	254,307
Total	35,583,889	752,319	77,538	374,478	173,039	542,924
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	12,312,210	188,454	25,002	125,246	52,315	181,335
Miscellaneous	291,127	11,337	454	2,556	1,541	3,476
Total revenue	12,603,337	199,791	25,456	127,802	53,856	184,811
EXPENSE						
Power purchased	8,859,557	139,894	17,734	92,647	34,546	144,162
Local generation						
Operation and maintenance	716,786	15,145	1,876	9,132	3,857	9,806
Administration	651,352	22,159	1,373	14,483	6,140	16,616
Financial	956,811	7,516			1,335	
Depreciation	695,256	15,032	1,541	7,415	3,580	7,692
Other						
Total expense	11,879,762	199,746	22,524	123,677	49,458	178,276
Net income or net expense	723,575	45	2,932	4,125	4,398	6,535
Number of customers	33,995	1,046	155	812	453	1,283

Statements for the Year Ended December 31, 1969

Napanee	Nepean Twp.	Neustadt	Newboro	Newburgh	Newbury	Newcastle	New Hamburg	Newmarket
4,514	56,560	571	270	606	296	1,688	2,816	9,904
\$ 579,583 212,249	\$ 8,880,826 1,460,232	\$ 46,125 22,992	\$ 54,698 14,780	\$ 103,407 39,420	\$ 42,658 13,746	\$ 292,249 90,131	\$ 360,599 55,677	\$ 1,584,370 390,699
367,334	7,420,594	23,133	39,918	63,987	28,912	202,118	304,922	1,193,671
48,487	165,763	3,104	1,771	9,903	3,115	1,079	12,379	28,817
25,000	300,000	.....	.....	.....	.....	.....	.....	.....
22,000	.....	3,000	2,000	.....	.....	4,000	.....	.....
27,131	1,146,155	1,658	999	472	670	631	4,028	36,183
.....	86,935	.....	.....	.....	.....	.....	886	5,429
122,618	1,698,853	7,762	4,770	10,375	3,785	5,710	17,293	70,429
8,648	137,656	.....	.....	.....	76	.....	1,908	5,894
.....
.....	150,929	.....	.....	.....	.....	400	.....	12,813
8,648	288,585	.....	.....	.....	76	400	1,908	18,707
513,900	1,223,633	45,567	10,050	24,500	26,466	100,272	271,953	607,044
1,012,500	10,631,665	76,462	54,738	98,862	59,239	308,500	596,076	1,889,851
.....	6,709,000	.....	.....	.....	.....	40,500	1,000	15,651
20,101	599,237	2,368	3,817	2,547	2,502	20,100	73,665	251,147
10,013	306,123	139	63	265	.....	1,916	1,171	15,479
30,114	7,614,360	2,507	3,880	2,812	2,502	62,516	75,836	282,277
513,900	1,223,633	45,567	10,050	24,500	26,466	100,272	271,953	607,044
.....
513,900	1,223,633	45,567	10,050	24,500	26,466	100,272	271,953	607,044
70,000	641,000	15,504	15,674	14,000	9,754	33,216	31,264	79,191
.....
397,162	808,219	12,884	22,165	51,555	20,292	112,496	208,523	746,048
1,324	344,453	.....	2,969	5,995	225	.....	8,500	175,291
468,486	1,793,672	28,388	40,808	71,550	30,271	145,712	248,287	1,000,530
1,012,500	10,631,665	76,462	54,738	98,862	59,239	308,500	596,076	1,889,851
282,293	3,896,227	25,721	16,357	29,274	18,097	106,315	163,341	665,312
18,634	184,327	454	656	1,313	183	6,665	4,180	23,896
300,927	4,080,554	26,175	17,013	30,587	18,280	112,980	167,521	689,208
200,013	2,487,572	20,232	10,204	18,244	13,484	68,589	121,830	517,533
23,804	202,141	1,071	1,008	2,092	1,130	8,097	9,937	60,692
47,223	374,819	1,701	2,163	3,584	1,412	13,447	20,079	82,212
.....	629,645	.....	1,143	.....	.....	9,239	1,925	13,175
19,482	234,660	1,821	1,796	3,730	1,389	9,990	9,911	45,446
290,522	3,928,837	24,825	16,314	27,650	17,415	109,362	163,682	719,058
10,405	151,717	1,350	699	2,937	865	3,618	3,839	29,850
1,829	14,213	229	174	210	149	620	954	3,403

Municipal Electrical Utilities Financial

Municipality	Niagara	Niagara Falls	Nipigon Twp.	North Bay	North York	Norwich
Population	3,100	58,000	2,618	44,574	441,401	1,753
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost	430,242	8,617,280	289,554	6,382,636	51,259,969	158,885
Less accumulated depreciation	134,860	2,057,882	104,325	1,864,550	10,839,992	57,364
Net fixed assets	295,382	6,559,398	185,229	4,518,086	40,419,977	101,521
CURRENT ASSETS						
Cash on hand and in bank	14,321	47,238	150	3,359	79,917	8,578
Investments—short-term	4,000	350,000	5,000	181,429	3,861,349	
—long-term	4,000	63,000	8,500	130,000	16,300	7,500
Accounts receivable (net)	1,225	45,614	3,825	111,833	1,637,078	2,894
Other		10,853		1,751	10,853	
Total current assets	23,546	516,705	17,475	428,372	5,605,497	18,972
OTHER ASSETS						
Inventories	14,968	301,528	1,039	79,619	1,102,378	5,010
Sinking fund on debentures					3,575,244	
Miscellaneous assets	38	75,088		41,318	278,906	
Total other assets	15,006	376,616	1,039	120,937	4,956,528	5,010
Equity in Ontario Hydro	266,730	4,791,974	194,901	2,579,180	15,938,566	180,005
Total	600,664	12,244,693	398,644	7,646,575	66,920,568	305,508
LIABILITIES						
Debentures outstanding	9,105	1,159,542		1,496,500	10,579,712	
Current liabilities	11,696	116,142	4,789	442,844	3,594,374	5,166
Other liabilities	3,580	183,661	3,036	151,829	1,248,954	1,189
Total liabilities	24,381	1,459,345	7,825	2,091,173	15,423,040	6,355
RESERVES						
Equity in Ontario Hydro	266,730	4,791,974	194,901	2,579,180	15,938,566	180,005
Other reserves				442		
Total reserves	266,730	4,791,974	194,901	2,579,622	15,938,566	180,005
CAPITAL						
Debentures redeemed	71,403	1,865,684	10,000	873,158	4,895,578	13,756
Sinking fund debentures					3,575,244	
Accumulated net income invested in plant or held as working funds	234,109	3,739,278	185,918	1,996,088	25,080,207	105,392
Contributed capital	4,041	388,412		106,534	2,007,933	
Total capital	309,553	5,993,374	195,918	2,975,780	35,558,962	119,148
Total	600,664	12,244,693	398,644	7,646,575	66,920,568	305,508
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy	157,897	3,861,029	145,603	2,670,382	28,055,281	73,456
Miscellaneous	8,840	46,419	8,512	166,603	1,191,279	4,060
Total revenue	166,737	3,907,448	154,115	2,836,985	29,246,560	77,516
EXPENSE						
Power purchased	107,924	2,419,398	101,611	1,889,821	20,397,855	51,849
Local generation						
Operation and maintenance	19,567	447,928	12,767	236,729	1,394,210	13,014
Administration	21,496	304,817	27,665	412,536	2,508,014	11,100
Financial	2,568	166,872		180,495	1,266,163	
Depreciation	13,063	214,249	9,453	210,433	1,636,567	5,015
Other						
Total expense	164,618	3,553,264	151,496	2,930,014	27,202,809	80,978
Net income or net expense	2,119	354,184	2,619	93,029	2,043,751	3,462
Number of customers	1,193	18,148	805	14,827	125,465	723

Statements for the Year Ended December 31, 1969

Norwood	Oakville	Oil Springs	Omeme	Orangeville	Orillia	Orono	Oshawa	Ottawa
1,103	55,531	529	850	7,148	21,153	1,000	85,003	325,314
\$ 162,105 73,778	\$ 10,557,146 2,521,105	\$ 95,204 32,923	\$ 113,025 37,303	\$ 816,348 178,693	\$ 7,288,450 2,017,905	\$ 145,001 37,345	\$ 14,036,439 4,184,107	\$ 49,303,744 11,461,868
88,327	8,036,041	62,281	75,722	637,655	5,270,545	107,656	9,852,332	37,841,876
7,757	2,566	10,921	10,855	19,169	500	4,056	137,770	270,784
23,000	240,000	5,000	5,500	53,626	2,500	400,000	255,000	400,000
1,961	836,819	355	1,241	7,473	141,890	2,433	995,334	1,371,948
6,381	.....	.....	.....	111	.....	.....	1,332	93,220
32,718	1,124,366	16,276	17,596	26,753	196,016	8,989	1,534,436	2,390,952
.....	306,803	242	.....	18,593	80,525	199	454,754	924,190
.....	29,456	.....	.....	6,566	21,853	3,805	50,202	.....
82,562	336,259	242	.....	25,159	102,378	4,004	504,956	924,190
.....	3,744,752	89,620	52,997	466,782	538,370	55,886	8,318,362	16,565,666
203,607	13,241,418	168,419	146,315	1,156,349	6,107,309	176,535	20,210,086	57,722,684
.....	2,834,247	.....	.....	134,000	1,334,514	27,200	2,111,000	932,000
4,791	1,324,423	1,574	4,358	44,616	316,654	5,757	1,537,597	1,894,684
831	385,885	351	551	48,854	130,975	2,328	103,728	.....
5,622	4,544,555	1,925	4,909	227,470	1,782,143	35,285	3,752,325	2,826,684
82,562	3,744,752	89,620	52,997	466,782	538,370	55,886	8,318,362	16,565,666
.....	.....	.....	.....	53,626	.....	.....	.....	268,241
82,562	3,744,752	89,620	52,997	466,782	591,996	55,886	8,318,362	16,833,907
55,100	1,506,049	16,721	12,000	43,595	2,532,986	15,601	789,622	8,958,698
56,941	2,750,334	59,922	72,909	410,059	1,029,614	69,763	6,736,512	23,782,044
3,382	695,728	231	3,500	8,443	170,570	.....	613,265	5,321,351
115,423	4,952,111	76,874	88,409	462,097	3,733,170	85,364	8,139,399	38,062,093
203,607	13,241,418	168,419	146,315	1,156,349	6,107,309	176,535	20,210,086	57,722,684
52,228	6,516,116	29,923	43,771	430,673	1,478,670	66,969	6,933,964	20,849,775
4,830	228,687	926	2,616	13,978	33,312	1,421	312,273	830,985
57,058	6,744,803	30,849	46,387	444,651	1,511,982	68,390	7,246,237	21,680,760
41,188	5,150,380	19,795	27,246	289,843	635,998	43,846	5,665,056	15,609,935
4,135	273,179	2,232	3,176	20,928	215,895	3,491	491,811	351,832
5,229	343,774	6,547	3,828	55,315	118,348	9,860	466,333	1,850,739
7,501	390,008	3,018	4,633	13,176	135,633	3,434	240,637	1,134,457
.....	320,692	.....	.....	25,795	175,729	3,896	485,962	625,652
.....	.....	.....	.....	.....	10,000	.....	.....	1,422,050
58,053	6,478,033	31,592	38,883	405,057	1,467,668	64,527	7,349,799	21,053,575
995	266,770	743	7,504	39,594	44,314	3,863	103,562	627,185
447	16,038	261	321	2,565	7,586	413	25,249	101,422

Municipal Electrical Utilities Financial

Municipality.....	Otterville	Owen Sound	Paisley	Palmerston	Paris	Parkhill
Population.....	775	18,346	732	1,691	6,467	1,119
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost.....	\$ 96,946	\$ 2,653,334	\$ 109,614	\$ 318,942	\$ 762,303	\$ 186,265
Less accumulated depreciation.....	36,370	869,537	24,262	98,910	266,479	48,553
Net fixed assets.....	60,576	1,783,797	85,352	220,032	495,824	137,712
CURRENT ASSETS						
Cash on hand and in bank.....	8,033	8,010	1,330	7,798	56,241	19,483
Investments—short-term.....				7,000	20,000	
—long-term.....			8,000			
Accounts receivable (net).....	185	98,604	2,473	868	5,996	3,506
Other.....		963			3,454	
Total current assets.....	8,218	107,577	11,803	15,666	85,691	22,989
OTHER ASSETS						
Inventories.....		41,014	552	495	1,125	2,137
Sinking fund on debentures.....						
Miscellaneous assets.....		1,803	3,587		14,325	2,763
Total other assets.....		42,817	4,139	495	15,450	4,900
Equity in Ontario Hydro.....	61,157	1,925,726	82,682	236,419	650,707	144,083
Total.....	129,951	3,859,917	183,976	472,612	1,247,672	309,684
LIABILITIES						
Debentures outstanding.....				6,000	49,236	900
Current liabilities.....	2,516	91,074	3,330	8,422	28,471	6,499
Other liabilities.....	347	5,782	509	1,975	14,003	493
Total liabilities.....	2,863	96,856	3,839	16,397	91,710	7,892
RESERVES						
Equity in Ontario Hydro.....	61,157	1,925,726	82,682	236,419	650,707	144,083
Other reserves.....						
Total reserves.....	61,157	1,925,726	82,682	236,419	650,707	144,083
CAPITAL						
Debentures redeemed.....	4,500	208,372	13,623	36,000	150,371	28,989
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	61,431	1,626,311	83,832	156,652	349,011	128,720
Contributed capital.....		2,652		27,144	5,873	
Total capital.....	65,931	1,837,335	97,455	219,796	505,255	157,709
Total.....	129,951	3,859,917	183,976	472,612	1,247,672	309,684
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	35,655	1,272,199	41,216	116,092	350,301	84,156
Miscellaneous.....	1,119	62,102	681	728	10,590	4,012
Total revenue.....	36,774	1,334,301	41,897	116,820	360,891	88,168
EXPENSE						
Power purchased.....	23,962	980,993	32,140	72,618	266,561	57,315
Local generation.....						
Operation and maintenance.....	1,798	99,796	2,557	6,139	30,801	9,056
Administration.....	3,558	130,961	6,551	14,868	34,712	11,994
Financial.....		389		1,438	9,024	942
Depreciation.....	3,601	87,480	2,892	8,783	23,544	6,581
Other.....						
Total expense.....	32,919	1,299,619	44,140	103,846	364,642	85,888
Net income or net expense.....	3,855	34,682	2,243	12,974	3,751	2,280
Number of customers.....	300	6,464	340	721	2,260	529

Statements for the Year Ended December 31, 1969

Parry Sound 5,736	Pembroke 15,685	Penetang- uishene 5,109	Perth 5,539	Peter- borough 55,341	Petrolia 3,918	Pickering 2,116	Pictou 4,703	Plantagenet 883
\$ 1,329,760 425,213	\$ 3,362,245 1,410,840	\$ 453,764 185,426	\$ 870,167 281,370	\$ 10,971,243 3,958,939	\$ 554,816 187,741	\$ 209,287 68,605	\$ 727,719 244,818	\$ 115,200 36,102
904,547	1,951,405	268,338	588,797	7,012,304	367,075	140,682	482,901	79,098
425	5,695	12	2,792	59,870	277	19,611	21,446	
30,000	95,000			15,000	17,000			
14,500		10,000	10,000	10,154	3,417	6,791	1,000	
8,166	54,767	11,727	3,857	272,105	810	1,638		
506								
53,597	155,462	21,739	16,649	290,478	85,834	20,694	28,040	22,446
23,985	26,960	1,535	17,998	89,871	27,021		23,097	
	104,781			28,433	16,499	1,821	10,969	1,476
23,985	131,741	1,535	17,998	118,304	43,520	1,821	34,066	1,476
218,678	41,452	405,653	641,383	5,128,565	465,911	51,166	568,349	31,663
1,200,807	2,280,060	697,265	1,264,827	12,549,651	962,340	214,363	1,113,356	134,683
31,000	2,036,000			1,953,200		42,000	43,000	46,500
6,964	170,034	21,378	26,221	325,770	31,581	11,146	22,359	7,273
	49,354	3,225	58	11,678	5,849	2,043	11,463	988
37,964	2,255,388	24,603	26,279	2,290,648	37,430	55,189	76,822	54,761
218,678	41,452	405,653	641,383	5,128,565	465,911	51,166	568,349	31,663
2,310								
220,988	41,452	405,653	641,383	5,128,565	465,911	51,166	568,349	31,663
437,500	114,000	36,983	85,045	1,684,411	50,000	30,482	70,182	8,500
496,920	139,385	230,026	492,405	3,159,037	408,999	77,306	398,003	38,193
7,435	8,605		19,715	286,990		220		1,566
941,855	16,780	267,009	597,165	5,130,438	458,999	108,008	468,185	48,259
1,200,807	2,280,060	697,265	1,264,827	12,549,651	962,340	214,363	1,113,356	134,683
388,991	977,195	250,090	361,993	4,253,956	257,268	99,382	314,916	58,781
29,531	29,516	5,287	9,572	198,136	10,287	6,322	10,181	3,640
418,522	1,006,711	255,377	371,565	4,452,092	267,555	105,704	325,097	62,421
214,861	546,846	197,256	261,185	3,099,421	150,390	68,497	209,782	43,242
39,817	14,931							
47,255	64,304	20,499	16,285	414,155	33,246	4,974	31,739	2,390
45,903	123,354	22,566	33,293	385,072	48,680	9,231	28,861	5,286
6,009	196,727			248,188		6,530	4,466	4,545
40,530	100,300	14,407	23,490	379,827	13,746	8,146	20,732	3,827
394,375	1,046,462	254,728	334,253	4,526,663	246,062	97,378	295,580	59,290
24,147	39,751	649	37,312	74,571	21,493	8,326	29,517	3,131
2,254	5,124	1,558	2,176	18,150	1,488	672	1,891	258

Municipal Electrical Utilities Financial

Municipality.....	Plattsville	Point Edward	Port Arthur	Port Burwell	Port Colborne	Port Credit
Population	560	2,834	47,000	670	18,500	8,573
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	76,218	341,979	8,492,996	122,390	2,132,633	1,545,251
Less accumulated depreciation.....	18,132	114,670	3,192,517	51,177	556,109	323,981
Net fixed assets.....	58,086	227,309	5,300,479	71,213	1,576,524	1,221,270
CURRENT ASSETS						
Cash on hand and in bank.....	5,118	64,556	1,215,486	5,456	31,131	150
Investments—short-term.....	10,000				25,000	
—long-term.....	10,500	20,000	99,208		10,000	13,500
Accounts receivable (net).....	607	12,742	328,767	806	10,373	50,437
Other.....		285	5,250	25		
Total current assets.....	26,225	97,583	1,648,711	6,287	76,504	64,087
OTHER ASSETS						
Inventories.....	71	679	177,674	177	28,549	28,699
Sinking fund on debentures.....						
Miscellaneous assets.....		15,229		908	15,501	6,732
Total other assets.....	71	15,908	177,674	1,085	44,050	35,431
Equity in Ontario Hydro.....	87,525	646,142	12,672,735	35,150	1,137,471	1,043,190
Total.....	171,907	986,942	19,799,599	113,735	2,834,549	2,363,978
LIABILITIES						
Debentures outstanding.....			201,000	15,300	287,392	206,700
Current liabilities.....	4,906	43,685	314,857	3,153	70,775	133,097
Other liabilities.....				1,354	34,546	54,049
Total liabilities.....	4,906	43,685	515,857	19,807	392,713	393,846
RESERVES						
Equity in Ontario Hydro.....	87,525	646,142	12,672,735	35,150	1,137,471	1,043,190
Other reserves.....			102,175			
Total reserves.....	87,525	646,142	12,774,910	35,150	1,137,471	1,043,190
CAPITAL						
Debentures redeemed.....	5,237	17,000	775,317	24,700	328,268	118,991
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	74,239	280,115	5,658,475	26,907	965,267	801,864
Contributed capital.....			75,040	7,171	10,830	6,087
Total capital.....	79,476	297,115	6,508,832	58,778	1,304,365	926,942
Total.....	171,907	986,942	19,799,599	113,735	2,834,549	2,363,978
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	52,856	387,667	3,086,076	37,334	980,449	1,110,696
Miscellaneous.....	1,778	8,617	208,539	1,253	20,830	23,921
Total revenue.....	54,634	396,284	3,294,615	38,587	1,001,279	1,134,617
EXPENSE						
Power purchased.....	50,113	326,761	2,431,523	17,076	671,576	925,891
Local generation.....			20,991			
Operation and maintenance.....	2,213	11,643	262,674	11,000	98,745	26,385
Administration.....	1,826	30,568	262,607	5,215	122,870	70,990
Financial.....			35,880	2,905	31,909	24,147
Depreciation.....	2,475	10,588	282,559	3,943	60,055	40,455
Other.....						
Total expense.....	56,627	379,560	3,296,234	40,139	985,155	1,087,868
Net income or net expense.....	1,993	16,724	1,619	1,552	16,124	46,749
Number of customers.....	208	921	15,085	408	5,628	2,931

Statements for the Year Ended December 31, 1969

Port Dover	Port Elgin	Port Hope	Port McNicoll	Port Perry	Port Rowan	Port Stanley	Prescott	Preston
3,348	2,224	8,632	1,297	2,827	843	1,551	5,428	15,089
\$ 471,391 172,293	\$ 433,735 93,208	\$ 1,363,386 517,065	\$ 155,240 39,818	\$ 354,026 81,284	\$ 106,840 29,368	\$ 263,595 124,567	\$ 565,807 229,012	\$ 2,225,901 663,905
299,098	340,527	846,321	115,422	272,742	77,472	139,028	336,795	1,561,996
37,469	10,165	53,061	.....	2,094	6,675	12,374	19,722	62,386
30,000	.....	.....	25,850	7,000	.....	.....	20,000	45,000
6,201	7,968	2,261	6,881	1,274	1,220	6,030	4,366	20,705
.....	.....	.....	88	.....	.....	590	.....	12,990
73,670	18,133	55,322	32,819	10,368	7,895	18,994	44,088	141,081
700	1,478	58,215	436	258	99	483	9,812	41,428
.....	6,640	.....	.....	1	110	.....	.....	.....
700	8,118	58,215	436	259	209	483	9,812	41,428
279,912	208,833	1,004,358	123,917	197,585	55,704	232,396	487,219	1,526,240
653,380	575,611	1,964,216	272,594	480,954	141,280	390,901	877,914	3,270,745
35,691	.....	.....	.....	79,000	4,700	.....	.....	40,200
18,859	16,787	50,811	15,896	19,507	2,635	6,092	21,041	80,693
5,443	3,222	25,066	1,155	4,727	596	1,567	5,715	30,597
59,993	20,009	75,877	17,051	103,234	7,931	7,659	26,756	151,490
279,912	208,833	1,004,358	123,917	197,585	55,704	232,396	487,219	1,526,240
279,912	208,833	1,004,358	123,917	197,585	55,704	232,396	487,219	1,526,240
72,837	37,787	244,000	9,804	25,882	13,300	18,950	23,981	436,083
233,084	306,910	639,061	121,822	152,679	64,307	130,971	324,704	1,103,642
7,554	2,072	920	.....	1,574	38	925	15,254	53,290
313,475	346,769	883,981	131,626	180,135	77,645	150,846	363,939	1,593,015
653,380	575,611	1,964,216	272,594	480,954	141,280	390,901	877,914	3,270,745
180,603	201,322	674,347	71,116	169,819	34,391	108,786	264,105	1,058,148
9,793	6,783	27,910	3,603	6,328	1,422	2,564	20,266	25,020
190,396	208,105	702,257	74,719	176,147	35,813	111,350	284,371	1,083,168
115,883	134,115	474,337	56,025	128,587	22,264	66,110	213,182	714,797
31,312	19,299	60,855	8,919	7,641	4,868	24,229	18,082	83,439
22,970	24,565	80,812	7,551	19,470	4,297	16,476	29,252	74,856
6,111	.....	.....	.....	8,349	921	.....	.....	18,903
16,822	10,778	47,673	4,394	11,208	3,356	8,732	23,224	65,582
193,098	188,757	663,677	76,889	175,255	35,706	115,547	283,740	957,577
2,702	19,348	38,580	2,170	892	107	4,197	631	125,591
1,585	1,324	3,052	649	1,069	368	1,134	1,949	4,509

Municipal Electrical Utilities Financial

Municipality.....	Priceville	Princeton	Queenston	Rainy River	Red Rock	Renfrew
Population.....	126	427	560	1,111	1,898	9,138
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	21,089	46,546	60,199	150,952	135,726	1,888,972
Less accumulated depreciation.....	9,565	15,319	20,663	75,447	38,115	594,566
Net fixed assets.....	11,524	31,227	39,536	75,505	97,611	1,294,406
CURRENT ASSETS						
Cash on hand and in bank.....	3,607	6,997	5,878	7,284	13,571	.....
Investments—short-term.....	.....	.....	.....	20,000	.....	.....
—long-term.....	8,000	3,000	8,000	.....	.....	6,675
Accounts receivable (net).....	372	907	342	2,092	1,079	9,038
Other.....	.....	.....	.....	762	.....	1,900
Total current assets.....	11,979	10,904	14,220	30,138	14,650	17,613
OTHER ASSETS						
Inventories.....	.....	.....	.....	1,750	.....	19,809
Sinking fund on debentures.....	.....	.....	.....	.....	.....	.....
Miscellaneous assets.....	.....	1,651	.....	.....	.....	4,280
Total other assets.....	.....	1,651	.....	1,750	.....	24,089
Equity in Ontario Hydro.....	8,041	57,155	51,495	38,167	82,848	380,669
Total.....	31,544	100,937	105,251	145,560	195,109	1,716,777
LIABILITIES						
Debentures outstanding.....	125	.....	.....	.....	.....	51,936
Current liabilities.....	731	1,963	2,302	5,309	4,779	36,119
Other liabilities.....	.....	579	252	432	441	7,331
Total liabilities.....	856	2,542	2,554	5,741	5,220	95,386
RESERVES						
Equity in Ontario Hydro.....	8,041	57,155	51,495	38,167	82,848	380,669
Other reserves.....	.....	.....	.....	.....	.....	.....
Total reserves.....	8,041	57,155	51,495	38,167	82,848	380,669
CAPITAL						
Debentures redeemed.....	12,041	5,995	9,500	26,087	29,367	719,301
Sinking fund debentures.....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds.....	10,390	35,210	41,468	75,565	68,606	520,702
Contributed capital.....	216	35	234	.....	9,068	719
Total capital.....	22,647	41,240	51,202	101,652	107,041	1,240,722
Total.....	31,544	100,937	105,251	145,560	195,109	1,716,777
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	6,438	20,824	23,436	74,915	66,277	473,069
Miscellaneous.....	473	1,196	1,452	3,036	1,546	8,457
Total revenue.....	6,911	22,020	24,888	77,951	67,823	481,526
EXPENSE						
Power purchased.....	3,729	18,951	21,068	48,518	47,929	299,262
Local generation.....	.....	.....	.....	.....	.....	43,419
Operation and maintenance.....	780	1,428	2,516	13,005	4,911	31,121
Administration.....	874	2,006	1,760	14,456	5,780	52,495
Financial.....	420	3	.....	.....	.....	19,790
Depreciation.....	767	1,680	2,338	5,275	4,415	47,538
Other.....	.....	.....	.....	.....	.....	.....
Total expense.....	6,570	24,068	27,682	81,254	63,035	493,625
Net income or net expense.....	341	2,048	2,794	3,303	4,788	12,099
Number of customers.....	74	191	190	441	382	3,018

Statements for the Year Ended December 31, 1969

Richmond	Richmond Hill	Ridgetown	Ripley	Rockland	Rockwood	Rodney	Rosseau	Russell
1,862	19,577	2,794	406	3,486	985	1,060	229	605
\$	\$	\$	\$	\$	\$	\$	\$	\$
211,441	2,169,373	396,900	59,571	241,746	105,511	96,776	36,158	89,152
36,592	668,214	93,961	15,337	61,349	20,301	36,821	8,897	20,514
174,849	1,501,159	302,939	44,234	180,397	85,210	59,955	27,261	68,638
18,140	86,669	13,522	12,337	9,398	2,703	22,036	1,841	2,113
.....	120,000	.....	6,000	6,000	7,500	.....	.....	.....
.....	.....	.....	8,000	.....	.....	.....	2,500	.....
52,941	51,238	4,749	1,212	4,035	9,588	2,642	1,543	3,531
.....	.....	5,006	300	.....	.....	60	300	.....
71,081	257,907	23,277	27,849	19,433	19,791	24,738	6,184	5,644
.....	24,787	2,409	.....	1,783	58	242	.....	.....
884	.....	.....	.....	.....	.....	.....	.....	.....
376	6,625	2,409	1,733	2,184	175	2,197	1,397	10
1,260	31,412	4,818	1,733	3,967	233	2,439	1,397	10
66,379	810,688	262,618	60,413	87,596	71,465	92,009	25,355	47,619
313,569	2,601,166	593,652	134,229	291,393	176,699	179,141	60,197	121,911
64,200	346,940	45,315	.....	34,000	12,386	.....	.....	.....
60,116	110,996	14,218	2,534	14,778	11,453	3,654	1,463	8,714
620	16,214	3,209	369	9,699	643	801	3	171
124,936	474,150	62,742	2,903	58,477	24,482	4,455	1,466	8,885
66,379	810,688	262,618	60,413	87,596	71,465	92,009	25,355	47,619
.....
66,379	810,688	262,618	60,413	87,596	71,465	92,009	25,355	47,619
20,687	366,759	66,821	12,744	21,000	9,943	8,500	11,933	8,808
884	.....	.....	.....	.....	.....	.....	.....	.....
98,383	932,467	193,417	58,169	123,970	59,757	74,177	21,443	53,181
2,300	17,102	8,054	.....	350	11,052	.....	.....	3,418
122,254	1,316,328	268,292	70,913	145,320	80,752	82,677	33,376	65,407
313,569	2,601,166	593,652	134,229	291,393	176,699	179,141	60,197	121,911
96,747	1,077,999	177,676	27,841	126,475	50,894	49,341	12,935	33,572
1,623	58,777	2,459	1,253	2,879	1,495	2,195	504	482
98,370	1,136,776	180,135	29,094	129,354	52,389	51,536	13,439	34,054
78,413	820,969	108,013	22,033	94,468	34,679	33,645	9,265	25,483
.....
2,598	41,459	18,830	2,976	9,691	1,949	5,944	1,432	447
4,376	101,776	23,238	2,365	7,611	5,614	5,103	1,227	2,408
3,809	60,709	5,342	.....	4,579	2,047	.....	.....	.....
5,458	80,007	10,727	1,796	7,492	3,093	3,308	1,099	2,520
.....
94,654	1,104,920	166,150	29,170	123,841	47,382	48,000	13,023	30,858
3,716	31,856	13,985	76	5,513	5,007	3,536	416	3,196
598	5,538	1,167	232	963	338	456	142	242

Municipal Electrical Utilities Financial

Municipality.....	St. Catharines	St. Clair Beach	St. George	St. Jacobs	St. Mary's	St. Thomas
Population.....	105,906	1,965	963	928	4,680	23,966
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	14,660,827	145,499	90,587	95,459	702,882	3,321,081
Less accumulated depreciation.....	3,149,488	51,584	24,843	21,344	227,520	1,086,822
Net fixed assets.....	11,511,339	93,915	65,744	74,115	475,362	2,234,259
CURRENT ASSETS						
Cash on hand and in bank.....	272,353	3,916	14,129	39,549	49,595	500
Investments—short-term.....		25,000			35,000	
—long-term.....				2,000	22,500	35,000
Accounts receivable (net).....	783,533	5,511	169	2,634	14,248	151,992
Other.....	980					1,575
Total current assets.....	1,056,866	34,427	14,298	44,183	121,343	189,067
OTHER ASSETS						
Inventories.....	364,494		45		13,567	99,072
Sinking fund on debentures.....						
Miscellaneous assets.....	42,963	504			51,421	634
Total other assets.....	407,457	504	45		64,988	99,706
Equity in Ontario Hydro.....	10,626,520	75,112	85,834	109,532	1,011,356	2,818,213
Total.....	23,602,182	203,958	165,921	227,830	1,673,049	5,341,245
LIABILITIES						
Debentures outstanding.....	2,136,500		8,500		4,000	144,000
Current liabilities.....	828,146	9,424	4,029	4,517	3,306	124,698
Other liabilities.....	183,370	297	278	90	2,786	65,799
Total liabilities.....	3,148,016	9,721	12,807	4,607	10,092	334,497
RESERVES						
Equity in Ontario Hydro.....	10,626,520	75,112	85,834	109,532	1,011,356	2,818,213
Other reserves.....						
Total reserves.....	10,626,520	75,112	85,834	109,532	1,011,356	2,818,213
CAPITAL						
Debentures redeemed.....	515,146	17,694	7,500	6,000	186,207	194,521
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	8,872,116	100,144	59,454	107,691	465,289	1,989,775
Contributed capital.....	440,384	1,287	326		105	4,239
Total capital.....	9,827,646	119,125	67,280	113,691	651,601	2,188,535
Total.....	23,602,182	203,958	165,921	227,830	1,673,049	5,341,245
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	8,487,186	82,217	47,920	62,323	266,461	1,745,611
Miscellaneous.....	145,443	2,424	1,283	1,816	10,082	26,057
Total revenue.....	8,632,629	84,641	49,203	64,139	276,543	1,771,668
EXPENSE						
Power purchased.....	6,877,969	63,480	37,070	45,076	192,770	1,233,973
Local generation.....						
Operation and maintenance.....	479,327	4,280	2,280	2,409	25,450	244,666
Administration.....	536,292	8,990	4,828	3,793	39,353	122,878
Financial.....	198,965		1,440		3,335	16,530
Depreciation.....	380,765	4,801	2,837	2,838	19,348	91,545
Other.....						
Total expense.....	8,473,318	81,551	48,455	54,116	280,256	1,709,592
Net income or net expense.....	159,311	3,090	748	10,023	3,713	62,076
Number of customers.....	31,795	544	338	285	1,897	8,705

Statements for the Year Ended December 31, 1969

Sandwich West 9,966	Sarnia 57,099	Scarborough 294,625	Schreiber Twp. 2,126	Seaforth 2,218	Shelburne 1,476	Simcoe 10,462	Sioux Lookout 2,686	Smiths Falls 9,995
\$ 944,451 299,312	\$ 8,638,812 2,543,408	\$ 35,432,732 9,351,332	\$ 219,407 75,025	\$ 407,564 113,865	\$ 208,693 75,452	\$ 1,395,811 423,213	\$ 338,551 110,479	\$ 1,350,860 449,042
645,139	6,095,404	26,087,400	144,382	293,699	133,241	972,598	228,072	901,818
16,980	21,751	680,374	19,532	12,721	1,197	115,002	13,378	123,552
.....	.....	2,520,000	15,000	.....	.....	.....	75,000	.....
.....	196,053	25,000	5,000	9,000	.....	.....	5,000	.....
21,101	321,842	1,455,261	1,850	4,266	12,104	8,798	1,511	12,954
.....	10,383	5,764	677	90	250	564	.....	.....
38,081	550,029	4,686,399	42,059	26,077	13,551	124,364	94,889	136,506
7,386	267,992	558,452	2,738	184	4,363	1,344	11,360	38,902
.....	.....	3,084,085	.....	.....	.....	.....	.....	.....
14,274	41,582	737,943	.....	269	12,659	8,604	.....	.....
21,660	309,574	4,380,480	2,738	453	17,022	9,948	11,360	38,902
225,903	8,743,708	11,804,402	117,956	298,674	150,276	1,077,793	216,594	1,036,716
930,783	15,698,715	46,958,681	307,135	618,903	314,090	2,184,703	550,915	2,113,942
147,700	469,100	8,930,656	.....	5,500	.....	210,000	.....	.....
55,729	383,101	2,734,298	7,743	17,722	13,539	63,773	11,667	46,191
127,793	76,197	1,160,498	.....	3,186	154	16,140	5,179	.....
331,222	928,398	12,825,452	7,743	26,408	13,693	289,913	16,846	46,192
225,903	8,743,708	11,804,402	117,956	298,674	150,276	1,077,793	216,594	1,036,716
.....
225,903	8,743,708	11,804,402	117,956	298,674	150,276	1,077,793	216,594	1,036,716
145,765	1,047,291	4,319,515	50,000	68,940	16,991	75,435	.....	147,662
.....	.....	3,084,085	.....	.....	.....	.....	.....	.....
222,418	4,820,123	13,758,724	131,436	224,381	132,405	733,050	317,475	883,372
5,475	159,195	1,166,503	.....	500	725	8,512	.....	.....
373,658	6,026,609	22,328,827	181,436	293,821	150,121	816,997	317,475	1,031,034
930,783	15,698,715	46,958,681	307,135	618,903	314,090	2,184,703	550,915	2,113,942
402,344	3,936,383	18,568,162	114,220	155,189	94,642	815,454	172,585	670,814
17,472	116,985	914,954	2,428	4,941	4,515	18,210	8,664	14,233
419,816	4,053,368	19,483,116	116,648	160,130	99,157	833,664	181,249	685,047
283,518	2,696,010	13,596,078	83,018	98,880	72,449	636,074	116,514	510,154
29,690	507,936	1,053,004	5,921	18,551	2,635	74,011	23,407	56,717
48,366	453,785	1,183,770	15,937	19,415	11,919	58,474	30,174	61,523
25,399	88,497	1,042,769	.....	2,928	511	4,112	.....	.....
27,542	235,231	1,116,390	6,665	12,172	7,652	42,225	9,536	39,399
.....
414,515	3,981,459	17,992,011	111,541	151,946	95,166	814,896	179,631	667,793
5,301	71,909	1,491,105	5,107	8,184	3,991	18,768	1,618	17,254
2,963	16,898	84,733	689	891	697	3,969	951	3,680

Municipal Electrical Utilities Financial

Municipality.....	Southamp- ton	S. Grimsby Twp.	South River	Springfield	Stayner	Stirling
Population.....	1,792	2,900	957	515	1,929	1,407
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	365,687	121,791	181,615	62,785	245,582	189,878
Less accumulated depreciation.....	92,219	36,248	57,551	22,095	46,655	61,270
Net fixed assets.....	273,468	85,543	124,064	40,690	198,927	128,608
CURRENT ASSETS						
Cash on hand and in bank.....	32,105	4,978	10,729	5,034	25	18,203
Investments—short-term.....			2,000			
—long-term.....		3,000		500		
Accounts receivable (net).....	1,650	699	1,082	671	2,146	737
Other.....						
Total current assets.....	33,755	8,677	13,811	6,205	2,171	18,940
OTHER ASSETS						
Inventories.....	11,906				3,415	817
Sinking fund on debentures.....						
Miscellaneous assets.....			16,145			
Total other assets.....	11,906		16,145		3,415	817
Equity in Ontario Hydro.....	189,523	72,237	18,331	46,842	144,504	119,087
Total.....	508,652	166,457	172,351	93,737	349,017	267,452
LIABILITIES						
Debentures outstanding.....			65,500			2,033
Current liabilities.....	8,495	3,684	17,752	1,762	35,426	6,103
Other liabilities.....	681	526	2,128	328	1,511	2,098
Total liabilities.....	9,176	4,210	85,380	2,090	36,937	10,234
RESERVES						
Equity in Ontario Hydro.....	189,523	72,237	18,331	46,842	144,504	119,087
Other reserves.....						
Total reserves.....	189,523	72,237	18,331	46,842	144,504	119,087
CAPITAL						
Debentures redeemed.....	42,523	15,000	24,500	9,500	9,557	20,967
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	267,430	73,986	44,140	35,305	154,244	117,164
Contributed capital.....		1,024			3,775	
Total capital.....	309,953	90,010	68,640	44,805	167,576	138,131
Total.....	508,652	166,457	172,351	93,737	349,017	267,452
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	150,077	52,873	66,730	22,356	94,317	78,930
Miscellaneous.....	7,026	2,653	797	443	3,899	2,546
Total revenue.....	157,103	55,526	67,527	22,799	98,216	81,476
EXPENSE						
Power purchased.....	98,937	32,450	37,067	14,402	75,128	60,341
Local generation.....						
Operation and maintenance.....	21,422	6,807	4,649	1,519	6,359	5,107
Administration.....	12,378	12,072	6,572	1,689	8,498	8,794
Financial.....			7,833			692
Depreciation.....	10,449	4,158	4,813	2,133	7,187	6,161
Other.....						
Total expense.....	143,186	55,487	60,934	19,743	97,172	81,095
Net income or net expense.....	13,917	39	6,593	3,056	1,044	381
Number of customers.....	1,368	438	351	184	808	589

Statements for the Year Ended December 31, 1969

Stoney Creek 7,686	Stouffville 4,222	Stratford 23,420	Strathroy 6,148	Streetsville 6,180	Sturgeon Falls 6,424	Sudbury 89,144	Sunderland 654
\$ 648,737 204,367	\$ 492,381 125,280	\$ 5,346,419 1,027,066	\$ 906,558 322,877	\$ 664,131 156,284	\$ 623,410 159,502	\$ 10,709,541 3,233,117	\$ 71,929 23,703
444,370	367,101	4,319,353	583,681	507,847	463,908	7,476,424	48,226
21,690	41,108	100,298	229	43,875	30,150	189,386	14,463
75,000	37,000	.....	.....	55,000	.....	.....	.....
.....	.....	.....	.....	.....	.....	249,875	2,000
3,272	9,357	67,889	22,398	25,501	34,734	665,197	874
100	.....	7,229	.....	.....	308	4,164	.....
100,062	87,465	175,416	22,627	124,376	65,192	1,108,622	17,337
.....	217	228,728	3,644	374	.....	204,357	.....
.....
.....	10,867	72,116	21,166	.....	9,094	85,760	.....
.....
.....	11,084	300,844	24,810	374	9,094	290,117	.....
296,848	246,644	3,124,554	595,934	276,885	190,897	3,900,854	62,316
841,280	712,294	7,920,167	1,227,052	909,482	729,091	12,776,017	127,879
8,000	39,715	1,692,000	104,000	52,802	131,840	1,283,200	.....
3,611	20,809	161,139	35,563	32,255	67,425	1,148,780	47
7,291	10,318	26,901	25,573	6,766	21,831	358,923	180
18,902	70,842	1,880,040	165,136	91,823	221,096	2,790,903	22
296,848	246,644	3,124,554	595,934	276,885	190,897	3,900,854	62,316
.....
296,848	246,644	3,124,554	595,934	276,885	190,897	3,900,854	62,316
70,460	43,607	733,800	88,957	100,929	83,160	1,447,387	4,628
.....
433,719	342,724	2,051,728	372,025	388,487	233,938	4,636,873	60,708
21,351	8,477	130,045	5,000	51,358	.....	.....	.....
525,530	394,808	2,915,573	465,982	540,774	317,098	6,084,260	65,336
841,280	712,294	7,920,167	1,227,052	909,482	729,091	12,776,017	127,879
354,279	243,062	2,125,653	437,793	327,989	302,018	4,010,689	36,612
24,370	14,714	86,533	6,034	17,559	9,803	330,163	2,149
378,649	257,776	2,212,186	443,827	345,548	311,821	4,340,852	38,761
276,770	179,148	1,361,348	297,371	257,429	196,446	2,885,676	28,362
.....
21,559	12,199	210,722	48,468	13,462	24,397	507,167	1,243
42,668	22,791	189,600	51,758	21,565	34,574	579,998	2,473
2,418	5,287	176,185	13,709	10,155	16,239	156,199	.....
25,685	16,382	140,064	24,313	19,611	22,258	375,507	3,139
.....
369,100	235,807	2,077,919	435,619	322,222	293,914	4,504,547	35,217
9,549	21,969	134,267	8,208	23,326	17,907	163,695	3,544
2,191	1,455	7,844	2,201	1,665	1,839	28,307	289

Municipal Electrical Utilities Financial

Municipality	Sundridge	Sutton	Tara	Tavistock	Tecumseh	Teeswater
Population	694	1,633	603	1,405	4,965	935
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	98,089	249,093	88,204	224,097	452,031	129,144
Less accumulated depreciation.....	24,513	42,559	9,290	84,672	163,893	36,089
Net fixed assets.....	73,576	206,534	78,914	139,425	288,138	93,055
CURRENT ASSETS						
Cash on hand and in bank.....	15,301	17,580	2,065	4,078	43,447	21,020
Investments—short-term.....						
—long-term.....	18,906	20,000	8,000	15,000		15,500
Accounts receivable (net).....	1,087	8,056	6,651	503	30,118	307
Other.....			300	24		
Total current assets.....	35,294	45,636	17,016	19,605	73,565	36,827
OTHER ASSETS						
Inventories.....	285	577	691	322	16,571	117
Sinking fund on debentures.....						
Miscellaneous assets.....	1,982	16,585	412	24	3,287	
Total other assets.....	2,267	17,162	1,103	346	19,858	117
Equity in Ontario Hydro.....	37,233	175,506	69,615	225,568	237,590	109,913
Total.....	148,370	444,838	166,648	384,944	619,151	239,912
LIABILITIES						
Debentures outstanding.....	7,648			5,508	51,700	
Current liabilities.....	3,541	14,376	22,568	9,059	30,500	5,242
Other liabilities.....	458	5,878	387		2,835	229
Total liabilities.....	11,647	20,254	22,955	14,567	85,035	5,471
RESERVES						
Equity in Ontario Hydro.....	37,233	175,506	69,615	225,568	237,590	109,913
Other reserves.....						
Total reserves.....	37,233	175,506	69,615	225,568	237,590	109,913
CAPITAL						
Debentures redeemed.....	27,352	26,000	14,264	29,777	29,300	21,296
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	71,936	195,281	55,056	114,678	258,576	103,232
Contributed capital.....	202	27,797	4,758	354	8,650	
Total capital.....	99,490	249,078	74,078	144,809	296,526	124,528
Total.....	148,370	444,838	166,648	384,944	619,151	239,912
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	48,908	147,564	52,357	89,522	217,857	71,049
Miscellaneous.....	1,291	5,294	1,575	6,005	9,371	2,194
Total revenue.....	50,199	152,858	53,932	95,527	227,228	73,243
EXPENSE						
Power purchased.....	36,523	102,826	42,684	73,771	145,452	56,384
Local generation.....						
Operation and maintenance.....	1,826	9,596	3,078	5,421	24,522	2,252
Administration.....	5,057	22,058	2,844	7,140	27,946	4,469
Financial.....	2,809			2,240	5,552	
Depreciation.....	2,641	5,604	2,980	7,870	13,043	4,173
Other.....						
Total expense.....	48,856	140,084	51,586	96,412	216,515	67,278
Net income or net expense.....	1,343	12,774	2,346	915	10,713	5,965
Number of customers.....	346	1,000	280	555	1,495	409

Statements for the Year Ended December 31, 1969

Terrace Bay Twp. 1,864	Thamesford 1,466	Thamesville 1,020	Thedford 699	Thessalon 1,649	Thornbury 1,213	Thorndale 434	Thornton 312
\$ 303,907 94,261	\$ 188,447 61,008	\$ 180,543 69,284	\$ 82,485 23,758	\$ 243,510 58,405	\$ 197,381 37,797	\$ 50,971 25,851	\$ 33,772 12,997
209,646	127,439	111,259	58,727	185,105	159,584	25,120	20,775
4,133	19,539	5,496	4,355	12,595	3,939	16,729	2,154
40,000	5,000	5,000	.....	15,000	.....	.....	.....
.....	8,000	8,925	8,000	.....	.....	3,000	.....
2,063	111	904	3,647	2,902	16,106	718	112
560	.....	.....	.....	.....	603	613	.....
46,756	32,650	20,325	16,002	30,497	20,648	21,060	2,266
6,374	92	221	29	260	7,512	.....	.....
.....
.....	69	306	8,069	4,922	4,015	.....	.....
6,374	161	527	8,098	5,182	11,527	.....	.....
155,123	118,696	125,144	75,737	46,808	80,596	43,634	21,992
417,899	278,946	257,255	158,564	267,592	272,355	89,814	45,033
3,900	400	6,400	.....	25,500	6,450	.....	.....
231	8,676	5,444	5,385	18,040	8,062	1,562	2,337
90	1,268	1,260	291	2,091	432	196	65
4,221	10,344	13,104	5,676	45,631	14,944	1,758	2,402
155,123	118,696	125,144	75,737	46,808	80,596	43,634	21,992
.....
155,123	118,696	125,144	75,737	46,808	80,596	43,634	21,992
74,100	7,958	12,788	16,500	39,500	79,550	3,087	7,200
.....
183,522	137,928	99,409	60,095	135,653	97,265	41,335	13,439
933	4,020	6,810	556	.....	.....	.....	.....
258,555	149,906	119,007	77,151	175,153	176,815	44,422	20,639
417,899	278,946	257,255	158,564	267,592	272,355	89,814	45,033
104,754	88,690	73,170	42,041	104,465	99,412	20,973	11,754
6,390	6,119	2,649	2,332	3,580	3,386	1,925	163
111,144	94,809	75,819	44,373	108,045	102,798	22,898	11,917
83,274	68,958	48,769	30,957	63,367	68,950	13,805	10,029
.....
8,807	2,531	6,648	2,551	12,274	10,120	2,149	160
11,867	8,575	9,603	3,905	16,845	12,648	2,883	936
4,192	222	1,368	.....	4,905	2,349	.....	.....
8,779	7,401	6,073	2,873	6,687	6,093	2,362	1,135
.....
116,919	87,687	72,461	40,286	104,078	100,160	21,199	12,260
5,775	7,122	3,358	4,087	3,967	2,638	1,699	343
475	487	450	309	593	605	157	120

Municipal Electrical Utilities Financial

Municipality.....	Thorold	Tilbury	Tillsonburg	Toronto	Tottenham	Trenton
Population.....	8,900	3,623	6,520	674,602	1,123	14,003
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	1,074,928	465,257	1,188,452	128,799,620	103,066	2,234,978
Less accumulated depreciation.....	286,646	155,292	298,965	42,477,676	26,991	757,540
Net fixed assets.....	788,282	309,965	889,487	86,321,944	76,075	1,477,438
CURRENT ASSETS						
Cash on hand and in bank.....	41,755	15,683	168,443	249,550	25	92,589
Investments—short-term.....	255,000			7,987,517		10,000
—long-term.....				1,410,683		10,000
Accounts receivable (net).....	23,666	9,931	3,452	6,163,243	2,401	62,160
Other.....	17			1,606,782		1,200
Total current assets.....	320,438	25,614	171,895	17,417,775	2,426	165,949
OTHER ASSETS						
Inventories.....	29,895	1,260	30,987	2,348,085	228	54,128
Sinking fund on debentures.....				3,660,407		
Miscellaneous assets.....	662	2,185	1,179	8,878,155		3,432
Total other assets.....	30,557	3,445	32,166	14,886,647	228	57,560
Equity in Ontario Hydro.....	1,300,719	342,380	691,894	114,974,768	71,938	1,667,549
Total.....	2,439,996	681,404	1,785,442	233,601,134	150,667	3,368,496
LIABILITIES						
Debentures outstanding.....	33,972	59,000	15,800	10,061,050		85,000
Current liabilities.....	36,745	22,300	56,398	5,324,546	5,486	92,207
Other liabilities.....	9,583	3,654	23,884	1,475,700	16,047	16,762
Total liabilities.....	80,300	84,954	96,082	16,861,296	21,533	193,969
RESERVES						
Equity in Ontario Hydro.....	1,300,719	342,380	691,894	114,974,768	71,938	1,667,549
Other reserves.....				298,000		
Total reserves.....	1,300,719	342,380	691,894	115,272,768	71,938	1,667,549
CAPITAL						
Debentures redeemed.....	93,469	55,000	189,590	35,028,942	21,435	229,587
Sinking fund debentures.....				3,660,407		
Accumulated net income invested in plant or held as working funds.....	919,834	192,721	801,807	59,815,844	33,158	1,143,018
Contributed capital.....	45,674	6,349	6,069	2,961,877	2,603	134,373
Total capital.....	1,058,977	254,070	997,466	101,467,070	57,196	1,506,978
Total.....	2,439,996	681,404	1,785,442	233,601,134	150,667	3,368,496
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	483,075	232,408	476,740	57,306,436	40,683	1,116,632
Miscellaneous.....	28,447	7,616	24,945	1,987,335	1,469	55,072
Total revenue.....	511,522	240,024	501,685	59,293,771	42,152	1,171,704
EXPENSE						
Power purchased.....	289,138	150,277	339,955	37,884,002	31,365	910,394
Local generation.....						
Operation and maintenance.....	79,406	24,085	49,527	6,668,366	3,751	61,895
Administration.....	59,652	27,893	47,202	6,241,028	6,233	87,768
Financial.....	9,411	10,573	9,113	1,152,542	571	19,445
Depreciation.....	29,262	13,001	31,733	3,402,540	3,220	79,522
Other.....						
Total expense.....	466,869	225,829	477,530	55,348,478	45,140	1,159,024
Net income or net expense.....	44,653	14,195	24,155	3,945,293	2,988	12,680
Number of customers.....	2,636	1,220	2,739	219,433	415	4,734

Statements for the Year Ended December 31, 1969

Tweed	Uxbridge	Vankleek Hill	Vaughan Twp.	Victoria Harbour	Walkerton	Wallaceburg	Wardsville
1,727	2,872	1,659	18,579	1,087	4,303	10,893	325
\$ 222,226 61,943	\$ 373,440 97,480	\$ 187,829 73,808	\$ 3,593,598 945,314	\$ 122,191 28,843	\$ 510,592 148,396	\$ 1,541,824 575,725	\$ 53,039 17,142
160,283	275,960	114,021	2,648,284	93,348	362,196	966,099	35,897
3,165	15,159	481	408,274	898	20,101	15,827	2,915
.....	50,000	.....	.....	.....	.....	.....	.....
11,000	2,928	20,000	.....	.....	6,000	.....	1,500
1,586	3,489	62	97,443	11,458	33,654	44,897	2,347
1,000	.....	864	.....	.....	123	.....	.....
16,751	71,576	21,407	505,717	12,356	59,878	60,724	6,762
33	.....	.....	92,728	323	14,141	94,272	.....
.....
1,000	316	2,157	209,223	967	.....	4,525	.....
1,033	316	2,157	301,951	1,290	14,141	98,797	.....
153,693	240,769	51,167	648,884	55,142	381,670	1,639,167	30,160
331,760	588,621	188,752	4,104,836	162,136	817,885	2,764,787	72,819
.....	65,900	12,700	2,773,000	1,200	.....	123,000	.....
14,597	22,309	9,096	687,285	27,144	26,219	147,243	1,321
648	4,402	9	210,456	230	5,149	9,814	154
15,245	92,611	21,805	3,670,741	28,574	31,368	280,057	1,475
153,693	240,769	51,167	648,884	55,142	381,670	1,639,167	30,160
.....
153,693	240,769	51,167	648,884	55,142	381,670	1,639,167	30,160
19,000	24,359	33,300	65,737	17,679	56,748	73,536	7,563
.....
143,822	230,882	82,480	284,638	59,212	348,099	766,027	30,631
.....	.....	.....	4,112	1,529	.....	6,000	2,990
162,822	255,241	115,780	214,789	78,420	404,847	845,563	41,184
331,760	588,621	188,752	4,104,836	162,136	817,885	2,764,787	72,819
113,514	230,081	68,275	1,759,112	56,275	334,498	1,197,726	19,716
5,436	12,941	4,540	73,084	1,034	12,067	15,590	550
118,950	243,022	72,815	1,832,196	57,309	346,565	1,213,316	20,266
94,892	154,598	60,673	1,306,634	39,330	264,567	969,600	13,380
.....
5,180	10,764	4,076	72,666	4,832	18,838	52,027	1,826
9,084	20,188	7,600	110,389	6,487	25,584	123,650	1,152
.....	10,027	3,541	256,383	2,675	.....	12,652	.....
8,639	12,549	7,108	134,188	3,615	19,218	37,762	1,825
.....
117,795	208,126	82,998	1,880,260	56,939	328,207	1,195,691	18,183
1,155	34,896	10,183	48,064	370	18,358	17,625	2,083
675	1,095	606	5,971	590	1,603	3,724	168

Municipal Electrical Utilities Financial

Municipality.....	Warkworth	Wasaga Beach	Waterdown	Waterford	Waterloo	Watford
Population.....	535	1,424	2,214	2,485	33,258	1,333
A. BALANCE SHEET						
FIXED ASSETS						
Plant and facilities at cost.....	\$ 79,842	\$ 268,460	\$ 262,341	\$ 248,117	\$ 6,397,443	\$ 156,550
Less accumulated depreciation.....	26,773	94,333	79,962	65,643	1,254,653	56,065
Net fixed assets.....	53,069	174,127	182,379	182,474	5,142,790	100,485
CURRENT ASSETS						
Cash on hand and in bank.....	8,089	11,735	7,225	10,135	13,464	4,084
Investments—short-term.....				30,000		15,000
—long-term.....						7,065
Accounts receivable (net).....	90	3,107	4,118	936	302,703	6,880
Other.....			55	165	3,749	
Total current assets.....	8,179	14,842	11,398	41,236	319,916	33,029
OTHER ASSETS						
Inventories.....		237		330	207,593	501
Sinking fund on debentures.....						
Miscellaneous assets.....		2,864	642		35,506	
Total other assets.....		3,101	642	330	243,099	501
Equity in Ontario Hydro.....	41,264	60,397	146,505	200,266	2,435,572	198,881
Total.....	102,512	252,467	340,924	424,306	8,141,377	332,896
LIABILITIES						
Debentures outstanding.....	4,599	11,500	10,000	19,600	1,716,000	
Current liabilities.....	4,386	7,086	9,238	2,984	390,481	8,531
Other liabilities.....	261	207	1,021	3,395	72,564	986
Total liabilities.....	9,246	18,793	20,259	25,979	2,179,045	9,517
RESERVES						
Equity in Ontario Hydro.....	41,264	60,397	146,505	200,266	2,435,572	198,881
Other reserves.....						
Total reserves.....	41,264	60,397	146,505	200,266	2,435,572	198,881
CAPITAL						
Debentures redeemed.....	10,173	98,500	27,632	22,523	1,102,614	9,056
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	36,346	74,106	132,236	171,107	1,981,401	115,442
Contributed capital.....	5,483	671	14,292	4,431	442,745	
Total capital.....	52,002	173,277	174,160	198,061	3,526,760	124,498
Total.....	102,512	252,467	340,924	424,306	8,141,377	332,896
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	30,815	99,218	117,070	142,659	2,931,472	114,754
Miscellaneous.....	1,270	4,160	4,642	3,203	47,698	3,199
Total revenue.....	32,085	103,378	121,712	145,862	2,979,170	117,953
EXPENSE						
Power purchased.....	20,075	61,112	85,039	98,235	2,018,803	91,324
Local generation.....						
Operation and maintenance.....	2,226	9,894	11,789	23,212	172,799	8,368
Administration.....	2,966	18,432	10,278	12,943	220,572	15,870
Financial.....	642	4,951	1,592	2,910	225,377	
Depreciation.....	3,033	7,952	9,881	6,384	154,848	4,532
Other.....						
Total expense.....	28,942	102,341	118,579	143,684	2,792,399	120,094
Net income or net expense.....	3,143	1,037	3,133	2,178	186,771	2,141
Number of customers.....	254	932	647	899	9,047	588

Statements for the Year Ended December 31, 1969

Waubau- shene 1,500	Webbwood 584	Welland 41,000	Wellesley 810	Wellington 905	West Lorne 1,013	Westport 602	Wheatley 1,607
\$ 83,284 21,433	\$ 59,827 13,465	\$ 5,553,144 1,653,493	\$ 93,345 21,061	\$ 109,686 47,536	\$ 170,538 71,532	\$ 63,946 14,824	\$ 249,101 61,670
61,851	46,362	3,899,651	72,284	62,150	99,006	49,122	187,431
463	3,476	250	3,161	7,317	4,050	14,656	6,678
.....	2,500	50,000	.....	16,000	6,000	.....	.....
.....	2,500	.....	9,000	6,000	50,000	3,500	20,000
3,047	905	796,213	31	358	3,581	168	987
3	.....	3,607	.....	.....	.....	30	.....
3,513	9,381	850,070	12,192	29,675	63,631	18,354	27,665
270	.....	138,470	.....	650	118	.....	1,091
.....	2,875	38,805	.....	996	2,487	.....	444
270	2,875	177,275	.....	1,646	2,605	.....	1,535
46,095	11,097	3,133,958	76,748	99,992	178,522	57,910	132,546
111,729	69,715	8,060,954	161,224	193,463	343,764	125,386	349,177
.....	11,018	1,880,000	500	.....	.....	.....	.....
4,798	4,348	264,574	3,653	3,376	7,732	2,547	5,453
36	552	21,383	260	710	337	446	814
4,834	15,918	2,165,957	4,413	4,086	8,069	2,993	6,267
46,095	11,097	3,133,958	76,748	99,992	178,522	57,910	132,546
.....
46,095	11,097	3,133,958	76,748	99,992	178,522	57,910	132,546
3,242	18,982	847,040	11,928	13,816	8,000	15,000	52,000
.....
57,558	23,718	1,759,979	66,932	66,077	145,673	49,407	156,814
.....	.....	154,020	1,203	9,492	3,500	76	1,550
60,800	42,700	2,761,039	80,063	89,385	157,173	64,483	210,364
111,729	69,715	8,060,954	161,224	193,463	343,764	125,386	349,177
33,840	21,851	2,662,447	40,899	46,307	93,907	35,357	84,040
1,383	805	51,656	1,186	3,409	9,373	1,052	1,625
35,223	22,656	2,714,103	42,085	49,716	103,280	36,409	85,665
25,673	13,906	1,885,438	30,899	37,055	71,918	26,542	55,409
5,604	2,001	177,572	2,477	5,022	10,799	985	7,522
3,236	3,149	233,390	3,642	5,182	13,361	4,001	9,397
.....	2,616	133,828	553	.....	.....	.....	.....
2,458	1,736	148,129	2,930	4,603	6,216	1,773	7,005
.....
36,971	23,408	2,578,357	40,501	51,862	102,294	33,301	79,333
1,748	752	135,746	1,584	2,146	986	3,108	6,332
485	162	12,168	325	499	475	306	586

Municipal Electrical Utilities Financial

Municipality.....	Whitby	Warton	Williams- burg 322	Winchester	Windermere	Windsor
Population.....	23,875	1,959		1,517	101	199,772
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	3,566,887	234,111	32,470	166,921	50,586	26,640,776
Less accumulated depreciation.....	946,323	74,195	16,004	58,489	12,340	8,704,097
Net fixed assets.....	2,620,564	159,916	16,466	108,432	38,246	17,936,679
CURRENT ASSETS						
Cash on hand and in bank.....	34,291	6,649	4,373	1,512	903	273,664
Investments—short-term.....			11,000	25,000		
—long-term.....		32,000	5,000		5,000	1,275,138
Accounts receivable (net).....	44,401	6,450	340	8,138	1,339	1,655,656
Other.....			446	795		11,661
Total current assets.....	78,692	45,099	21,159	35,445	7,242	3,216,119
OTHER ASSETS						
Inventories.....	83,475	6,475				735,725
Sinking fund on debentures.....						
Miscellaneous assets.....	6,729	2,505		2,075		212,134
Total other assets.....	90,204	8,980		2,075		947,859
Equity in Ontario Hydro.....	1,117,792	189,730	42,529	180,514	24,820	19,768,496
Total.....	3,907,252	403,725	80,154	326,466	70,308	41,869,153
LIABILITIES						
Debentures outstanding.....	129,000					1,580,301
Current liabilities.....	1,056,922	9,276	1,532	237	120	2,479,518
Other liabilities.....	227,718	142	480	144		487,810
Total liabilities.....	1,413,640	9,418	2,012	381	120	4,547,629
RESERVES						
Equity in Ontario Hydro.....	1,117,792	189,730	42,529	180,514	24,820	19,768,496
Other reserves.....						209,400
Total reserves.....	1,117,792	189,730	42,529	180,514	24,820	19,977,896
CAPITAL						
Debentures redeemed.....	405,575	37,400	2,750	29,162	11,238	3,955,516
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	939,974	165,520	32,863	116,409	34,130	13,265,270
Contributed capital.....	30,271	1,657				122,842
Total capital.....	1,375,820	204,577	35,613	145,571	45,368	17,343,628
Total.....	3,907,252	403,725	80,154	326,466	70,308	41,869,153
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	1,574,529	119,484	17,229	128,116	13,676	12,697,206
Miscellaneous.....	79,857	8,157	613	1,641	570	248,844
Total revenue.....	1,654,386	127,641	17,842	129,757	14,246	12,946,050
EXPENSE						
Power purchased.....	1,186,382	90,355	13,684	107,500	9,485	8,936,501
Local generation.....						
Operation and maintenance.....	94,069	11,808	465	4,198	1,841	1,337,913
Administration.....	108,953	10,689	1,672	7,461	1,006	1,157,969
Financial.....	102,934					290,333
Depreciation.....	134,058	8,870	1,242	5,415	1,479	732,758
Other.....						
Total expense.....	1,626,396	121,722	17,063	124,574	13,811	12,455,474
Net income or net expense.....	27,990	5,919	779	5,183	435	490,576
Number of customers.....	6,960	864	148	609	142	60,779

Statements for the Year Ended December 31, 1969

Wingham	Woodbridge	Woodstock	Woodville	Wyoming	York	Zurich	Summary All Regions
2,931	2,453	24,912	431	1,168	139,716	732	
\$ 481,478 188,347	\$ 229,409 108,676	\$ 4,005,221 1,265,590	\$ 62,990 17,239	\$ 124,740 44,187	\$ 13,828,774 4,702,519	\$ 98,414 18,721	\$ 815,382,191 219,237,998
293,131	120,733	2,739,631	45,751	80,553	9,126,255	79,693	596,144,193
19,469	24,425	191,153	1,166	3,155	11,556	23,517	12,739,781
.....	75,000	.....	.....	9,312	100,000	.....	23,006,015
49,725	24,800	.....	4,000	.....	704,000	.....	7,844,003
6,109	2,179	37,786	504	512	528,461	437	31,285,055
.....	6,375	431	.....	66	140,098	.....	3,029,452
75,303	132,779	229,370	5,670	13,045	1,484,115	23,954	77,904,306
12,294	.....	137,233	.....	56	202,602	.....	17,486,722
.....	.....	.....	.....	.....	84,531	.....	13,651,400
2,271	16,621	.....	.....	.....	1,174,220	.....	14,171,097
14,565	16,621	137,233	.....	56	1,461,353	.....	45,309,219
366,724	297,514	2,969,153	41,172	67,419	9,458,060	78,705	492,190,861
749,723	567,647	6,075,387	92,593	161,073	21,529,783	182,352	1,211,548,579
.....	.....	.....	.....	.....	98,513	.....	115,947,129
17,239	2,194	157,897	1,710	4,943	640,466	3,917	48,349,939
4,187	6,036	41,555	9	664	1,111,567	243	14,857,102
21,426	8,230	199,452	1,719	5,607	1,850,546	4,160	179,154,170
366,724	297,514	2,969,153	41,172	67,419	9,458,060	78,705	492,190,861
.....	.....	.....	.....	.....	.....	.....	1,346,164
366,724	297,514	2,969,153	41,172	67,419	9,458,060	78,705	493,537,025
81,156	23,835	429,776	5,248	9,700	692,797	5,592	122,655,357
.....	.....	.....	.....	.....	84,531	.....	13,651,400
280,417	235,442	2,363,998	44,454	77,616	9,396,330	93,895	369,349,157
.....	2,626	113,008	.....	731	47,519	.....	33,201,470
361,573	261,903	2,906,782	49,702	88,047	10,221,177	99,487	538,857,384
749,723	567,647	6,075,387	92,593	161,073	21,529,783	182,352	1,211,548,579
214,764	152,017	2,099,200	19,763	61,955	6,295,440	49,810	393,604,382
11,832	13,895	70,332	1,076	1,855	416,619	1,629	13,420,863
226,596	165,912	2,169,532	20,839	63,810	6,712,059	51,439	407,025,245
180,155	131,285	1,600,131	15,823	45,587	4,938,540	31,210	288,156,598
.....	.....	.....	.....	.....	.....	.....	813,078
16,523	8,273	151,037	1,829	3,885	402,946	4,934	30,231,314
21,582	18,567	125,356	1,960	3,982	941,176	5,799	32,811,759
.....	.....	648	.....	.....	25,176	.....	14,683,093
13,862	10,865	127,239	2,269	4,292	469,059	2,531	23,592,618
.....	.....	.....	.....	.....	.....	.....	68,910
232,122	168,990	2,004,411	21,881	57,746	6,776,897	44,474	390,357,370
5,526	3,078	165,121	1,042	6,064	64,838	6,965	16,667,875
1,211	825	8,382	202	452	44,869	332	1,738,512

STATEMENT "C"

In this Report the former Statement C has been omitted. This was the schedule of retail rates and typical bills for service by the municipal distribution systems receiving power from the Commission. With rate changes being introduced as required by the municipal electrical utilities at any time during the year, the total schedule of rates in effect at December 31 seemed inappropriate for publication in the Annual Report, for in some instances these rates would not be the basis for the revenues shown for the year just ended, and in others they would be no guide to rates currently in effect. Readers of the Report whose particular interest is in rate schedules may obtain on application to the Statistical Department of the Consumer Service Division at the Commission's Head Office a computer print-out of rates as in effect December 31, 1969, or of rates currently in force.

Statement C in this Report records revenue, consumption, number of customers, average consumption per customer, and average cost per kilowatt-hour for each of the three main classes of service in all the municipal systems served. The number of customers shown is that at the end of the year under review, but the calculation of average consumption per customer is based on the average of the numbers served at the end of the year under review and the preceding year. The revenue and consumption from house heating and the use of flat-rate water heaters are included in the totals shown, the flat-rate water-heater kilowatt-hours being estimated on the basis of 16.8 hours' use per day.

The average cost per kilowatt-hour is the average cost to the customer, that is the average revenue per kilowatt-hour received by the utility. Such a statistical average does not represent the utility's actual cost of delivering one kilowatt-hour. However, a comparison of this average over a number of years is some indication of the trend of cost in any one municipality, and the trend in all municipal systems combined may be seen in the table on page 96 and the graphs on page 97. Other things being equal, the average cost per kilowatt-hour would rise with an increase in rates. The normal trend, however, is for consumption per customer to increase, and residential customers in particular are using an ever-widening variety of electrical appliances, including fast-recovery water heaters. This increased use, since it is billed at the lower rates usually applicable to higher-consumption blocks of kilowatt-hours, is frequently reflected in a lower average cost per kilowatt-hour.

For industrial power service customers, the relationship between demand (kilowatts required) and energy (kilowatt-hours of use) is an important factor in

establishing the customer's average cost per kilowatt-hour. The use of the demand for only a few hours will result in a relatively small total bill but a high average cost per kilowatt-hour; the use of the same demand for several hours will increase the total bill but substantially reduce the average cost per kilowatt-hour. In other words, the average cost per kilowatt-hour varies inversely with the customer's load factor.

**CUSTOMERS, REVENUE,
for the Year Ended
In Forty Major Municipal
(Arranged in descending order)**

Municipality	TOTAL REVENUE (including Street Lighting)	TOTAL CONSUMPTION (including Street Lighting)	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
			Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
	\$	kwh	\$	kwh		kwh	¢
Toronto.....	57,306,436	4,855,419,105	15,668,443	1,099,931,047	187,943	488	1.42
Hamilton.....	31,691,761	3,665,706,683	6,673,423	543,618,065	85,441	535	1.23
North York.....	28,055,281	2,355,705,361	12,160,434	975,008,537	115,541	712	1.25
Ottawa.....	20,849,775	1,977,918,580	6,495,337	789,169,378	89,495	738	0.82
Etobicoke.....	20,131,886	1,833,335,415	7,814,974	671,343,072	80,437	698	1.16
Scarborough.....	18,568,162	1,594,408,363	8,309,239	676,486,448	79,591	714	1.23
London*.....	13,663,361	1,112,244,561	5,905,504	395,803,489	60,008	556	1.49
Windsor*.....	12,697,206	1,073,259,410	4,729,125	315,603,500	54,250	487	1.50
Mississauga.....	12,312,210	1,062,292,194	4,367,131	341,933,708	31,987	910	1.28
St. Catharines*.....	8,487,186	827,237,438	2,561,123	183,490,875	28,648	541	1.40
Oshawa*.....	6,933,964	712,787,913	2,480,815	225,558,144	22,767	836	1.10
Kitchener.....	7,842,541	700,576,098	2,575,860	227,236,799	30,028	641	1.13
Oakville*.....	6,516,115	654,740,309	1,897,932	143,069,812	13,914	866	1.33
York*.....	6,295,440	626,257,848	2,690,426	258,056,366	40,709	522	1.04
East York.....	5,280,008	486,542,006	2,207,618	193,525,828	32,924	490	1.14
Guelph.....	5,060,350	421,213,225	1,837,615	134,385,105	14,940	755	1.37
Peterborough*.....	4,253,956	399,884,445	1,852,171	154,989,236	16,205	805	1.20
Burlington.....	5,044,422	395,048,135	2,516,784	189,023,161	19,744	813	1.33
Brantford*.....	4,036,254	372,773,969	1,537,970	122,465,905	18,434	557	1.26
Sarnia.....	3,936,383	360,705,826	1,513,142	109,774,408	15,814	580	1.38
Sudbury.....	4,010,689	356,644,166	2,172,625	217,104,134	25,578	732	1.00
Kingston.....	3,815,467	339,973,299	1,600,248	137,332,210	16,479	695	1.17
Port Arthur*.....	3,086,076	313,374,095	1,099,534	107,470,681	13,504	668	1.02
Nepean Twp.....	3,896,227	307,902,999	2,115,074	162,067,082	13,168	1,053	1.31
Niagara Falls.....	3,861,029	284,544,128	1,524,217	106,976,101	16,882	531	1.42
Fort William.....	2,612,201	264,749,932	1,121,551	121,418,501	14,142	723	0.92
Waterloo.....	2,931,472	247,569,805	949,380	77,597,859	7,973	828	1.22
Galt.....	2,669,617	233,238,367	1,039,953	82,241,484	10,080	681	1.26
North Bay*.....	2,670,382	230,279,325	1,259,781	103,166,433	12,893	670	1.22
Brampton.....	2,767,798	216,521,361	1,122,220	79,521,216	9,688	725	1.41
Welland*.....	2,662,447	212,618,519	849,600	55,146,276	10,926	423	1.54
Chatham.....	2,802,712	206,095,373	775,474	52,313,673	9,616	459	1.48
Belleville*.....	2,127,539	193,845,513	943,207	88,819,111	9,982	§725	1.06
Woodstock*.....	2,099,200	186,170,348	777,116	61,143,697	7,410	693	1.27
Barrie Ø.....	1,904,704	183,889,019	836,099	77,375,743	8,313	784	1.08
Stratford*.....	2,125,653	165,756,878	795,681	58,030,198	6,919	701	1.37
Gloucester Twp.....	1,955,123	158,041,783	955,756	69,487,475	6,965	900	1.38
Vaughan Twp.*.....	1,759,112	156,886,500	667,311	52,062,289	4,915	918	1.28
St. Thomas*.....	1,745,611	150,003,735	726,116	54,149,832	7,765	576	1.34
Whitby*.....	1,574,529	142,161,834	761,600	64,257,933	6,257	869	1.19

*Municipalities so indicated have general rate in effect. See note on page 174.

ØGenerate rate applies to former small commercial and industrial power service customers only.

§Estimated.

AND CONSUMPTION
December 31, 1969
Electrical Utilities
of total consumption)

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
12,173,866	830,595,570	24,095	2,873	1.47	28,184,225	2,859,892,453	7,395	600,952	32,228	0.99
5,062,343	411,507,597	9,120	3,732	1.23	19,325,997	2,687,114,499	853	460,185	253,740	0.72
10,273,460	872,959,299	8,623	8,614	1.18	5,103,442	476,769,685	1,301	128,674	31,272	1.07
13,176,752	1,114,117,973	11,779	7,914	1.18	567,807	55,811,229	148	15,185	31,532	1.02
4,043,034	317,079,941	3,863	6,859	1.28	7,640,038	823,631,482	1,445	187,301	49,008	0.93
5,042,703	396,976,477	4,325	7,929	1.27	4,983,297	500,565,878	817	118,711	54,528	1.00
7,335,057	701,115,632	5,798	10,280	1.05	*	*	*	*	*	*
7,470,494	739,813,250	6,529	9,502	1.01	*	*	*	*	*	*
2,406,291	175,172,880	1,555	9,738	1.37	5,169,059	537,910,570	453	106,799	101,761	0.96
5,685,592	632,814,563	3,147	17,094	0.90	*	*	*	*	*	*
4,279,486	480,150,093	2,482	15,657	0.89	*	*	*	*	*	*
2,033,137	153,963,714	1,913	6,863	1.32	2,983,131	309,684,252	226	71,245	104,270	0.96
4,532,717	508,612,949	2,124	20,265	0.89	*	*	*	*	*	*
3,529,682	360,892,502	4,160	7,195	0.98	*	*	*	*	*	*
1,726,022	155,602,329	1,910	6,789	1.11	1,170,777	131,471,157	118	29,820	92,847	0.89
933,215	62,136,307	1,183	4,499	1.50	2,104,365	219,303,485	133	47,133	141,122	0.96
2,238,370	239,925,797	1,945	10,495	0.93	*	*	*	*	*	*
1,310,120	97,937,702	1,086	7,836	1.34	1,142,140	104,688,149	204	28,179	43,949	1.09
2,363,741	245,494,424	2,191	9,513	0.96	*	*	*	*	*	*
899,796	63,787,728	927	5,707	1.41	1,364,862	182,655,210	157	35,111	96,643	0.75
1,340,037	109,603,605	2,419	3,800	1.22	297,003	24,489,115	310	9,005	6,604	1.21
1,427,821	124,425,480	2,803	3,755	1.15	659,041	73,779,268	164	17,397	36,816	0.89
1,821,865	199,960,614	1,581	10,441	0.91	*	*	*	*	*	*
1,258,904	93,723,661	975	8,247	1.34	515,025	51,520,256	70	10,816	64,080	1.00
1,534,681	115,349,783	1,170	8,330	1.33	620,026	56,938,890	96	14,363	49,685	1.09
787,601	77,503,120	1,575	3,864	1.02	560,101	61,191,911	74	18,790	64,548	0.92
665,248	49,677,951	996	4,413	1.34	1,200,385	116,665,332	78	25,187	111,110	1.03
409,836	29,959,826	599	4,196	1.37	1,125,005	117,963,617	149	28,963	64,886	0.95
1,360,228	124,846,272	1,934	5,352	1.09	*	*	*	*	*	*
762,209	56,810,072	767	7,061	1.34	807,231	78,304,593	152	17,263	47,115	1.03
1,694,316	154,395,356	1,242	10,426	1.10	*	*	*	*	*	*
769,933	43,470,787	1,262	2,905	1.77	1,127,137	106,455,929	289	26,711	30,591	1.06
1,083,011	100,872,560	1,666	6,185	1.07	*	*	*	*	*	*
1,257,995	122,351,891	972	10,538	1.03	*	*	*	*	*	*
436,158	34,939,282	650	4,592	1.25	617,088	70,453,994	343	Ø	17,117	0.88
1,227,757	104,804,000	925	9,427	1.17	*	*	*	*	*	*
719,176	65,798,711	422	13,847	1.09	260,643	21,548,597	54	6,458	34,868	1.21
1,081,337	103,958,611	1,056	7,826	1.04	*	*	*	*	*	*
979,027	94,729,359	940	10,199	1.03	*	*	*	*	*	*
766,245	76,270,461	703	9,172	1.00	*	*	*	*	*	*

▲ See Introduction page 153.

CUSTOMERS, REVENUE, for the Year Ended

Municipality	Popu- lation	Total Customers	Peak Load Decem- ber 1969	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh
			kw	\$	kwh		kwh	¢
Acton.....	4,790	1,571	6,849	126,245	11,856,276	1,458	682	1.06
Ailsa Craig.....	562	239	547	13,305	1,238,310	214	482	1.07
Ajax.....	11,305	3,294	11,956	281,424	20,777,525	3,078	587	1.35
Alexandria*.....	3,027	1,158	4,812	108,335	9,176,657	970	803	1.18
Alfred.....	1,096	368	1,436	39,280	3,531,555	337	873	1.11
Alliston*.....	3,241	1,212	5,037	101,081	8,867,463	1,025	723	1.14
Almonte*.....	3,677	1,234	4,618	101,883	8,934,880	1,077	691	1.14
Alvinston*.....	666	345	490	15,531	912,550	278	274	1.70
Amherstburg*.....	4,774	1,632	6,863	137,117	11,329,452	1,393	678	1.21
Ancaster Twp.....	15,254	1,174	3,835	146,492	11,870,670	1,119	886	1.23
Apple Hill*.....	325	120	264	8,574	735,740	101	607	1.17
Arkona*.....	433	205	428	14,100	1,203,485	170	590	1.17
Arnprior*.....	5,766	2,027	8,691	165,515	16,280,474	1,739	§767	1.02
Arthur.....	1,308	558	2,068	41,560	3,867,435	494	656	1.07
Athens*.....	990	401	883	29,022	2,609,973	346	638	1.11
Atikokan Twp.....	6,211	1,826	4,742	197,338	14,225,835	1,670	712	1.39
Aurora*.....	10,891	3,224	12,709	280,244	25,364,262	2,848	§745	1.10
Avonmore*.....	229	108	272	9,100	622,116	88	§535	1.46
Aylmer*.....	4,438	1,730	7,455	141,329	13,818,620	1,463	§763	1.02
Ayr.....	1,224	437	1,545	38,496	3,336,473	363	770	1.15
Baden.....	973	306	1,350	28,868	2,491,811	290	719	1.16
†Bala.....	x420	867	1,076	56,655	2,620,317	790	278	2.16
Bancroft.....	2,190	821	2,692	83,130	7,376,740	734	843	1.13
Barrie Ø.....	26,233	9,306	39,750	836,099	77,375,743	8,313	784	1.08
Barry's Bay.....	1,452	476	1,289	34,365	2,647,278	432	511	1.30
Bath*.....	805	278	804	24,471	2,081,349	248	698	1.18
Beachburg.....	520	223	551	18,909	1,488,067	206	601	1.27
Beachville.....	1,007	340	2,804	24,917	2,438,740	326	624	1.02
Beamsville.....	§4,050	1,418	3,635	111,326	8,733,607	1,291	568	1.27
†Beardmore.....	787	316	579	25,709	1,700,100	236	603	1.51
Beaverton.....	1,249	668	2,295	51,779	5,168,140	616	712	1.00
Beeton*.....	1,016	359	995	28,308	2,515,860	300	698	1.13
Belle River*.....	2,639	959	2,292	78,111	5,432,660	882	513	1.44
Belleville*.....	33,093	11,648	40,134	943,207	88,819,111	9,982	§725	1.06
Belmont.....	763	257	1,235	27,556	2,288,646	241	793	1.20
Blenheim.....	3,420	1,318	3,096	76,372	6,332,826	1,170	456	1.21
†Blind River.....	3,440	1,142	3,159	113,046	8,158,600	944	720	1.39
Bloomfield.....	717	297	727	21,465	2,068,008	274	631	1.04
Blyth.....	784	354	1,186	28,518	2,507,810	313	669	1.14
Bobcaygeon*.....	1,272	852	2,267	75,512	5,401,895	714	630	1.40

*Municipalities so indicated have general rate in effect. See note on page 174.

ØGeneral rate applies to former small commercial and industrial power service customers only.

†Retail service provided by the Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population.

AND CONSUMPTION

December 31, 1969

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
39,621	2,660,625	78	2,898	1.49	184,852	16,708,864	35	4,636	38,148	1.11
4,598	313,830	19	1,453	1.47	8,157	530,740	6	282	7,371	1.54
143,245	11,259,764	132	7,302	1.27	357,586	34,076,785	84	9,770	33,606	1.05
145,543	12,664,045	188	5,678	1.15	*	*	*	*	*	*
11,237	746,253	21	2,961	1.51	10,824	806,195	10	349	6,718	1.34
154,291	13,585,772	187	5,974	1.14	*	*	*	*	*	*
94,706	9,687,067	157	5,142	0.98	*	*	*	*	*	*
11,014	672,466	67	856	1.64	*	*	*	*	*	*
220,143	21,569,265	239	7,521	1.02	*	*	*	*	*	*
39,877	2,466,584	47	4,373	1.62	5,847	488,814	8	141	5,092	1.20
1,767	136,120	19	597	1.30	*	*	*	*	*	*
5,144	417,960	35	1,024	1.23	*	*	*	*	*	*
269,139	29,406,321	288	\$11,505	0.92	*	*	*	*	*	*
20,063	1,366,050	47	2,277	1.47	10,140	635,220	17	356	3,208	1.60
17,767	1,308,950	55	2,020	1.36	*	*	*	*	*	*
98,136	5,623,048	146	3,221	1.75	6,800	500,940	10	173	4,175	1.36
326,534	29,659,444	376	\$7,123	1.10	*	*	*	*	*	*
4,156	235,690	20	\$1,309	1.76	*	*	*	*	*	*
176,331	14,112,184	267	\$6,426	1.25	*	*	*	*	*	*
15,268	968,888	60	1,302	1.58	23,094	1,412,099	14	679	8,405	1.64
6,193	424,286	11	2,946	1.46	27,202	2,163,170	5	752	36,053	1.26
15,446	792,260	71	911	1.95	1,171	106,300	6	34	1,476	1.10
38,850	2,451,056	73	2,723	1.59	11,735	824,140	14	351	4,905	1.42
436,158	34,939,282	650	4,592	1.25	617,088	70,453,994	343	Ø	17,117	0.88
26,986	2,000,060	41	4,115	1.35	1,733	122,800	3	50	4,093	1.41
8,392	628,910	30	1,747	1.33	*	*	*	*	*	*
3,784	259,972	14	1,605	1.46	8,988	673,300	3	244	16,031	1.33
3,284	211,710	12	1,534	1.55	91,964	14,131,543	2	2,197	588,814	0.65
68,022	5,094,755	113	3,808	1.34	15,937	876,455	14	481	5,410	1.82
17,916	945,000	78	1,029	1.90	214	9,700	2	9	404	2.21
22,974	2,021,140	36	4,679	1.14	23,529	2,127,120	16	982	11,436	1.11
19,066	1,357,350	59	1,917	1.40	*	*	*	*	*	*
39,738	3,128,918	77	3,863	1.27	*	*	*	*	*	*
1,083,011	100,872,560	1,666	\$6,185	1.07	*	*	*	*	*	*
4,903	322,700	11	2,445	1.52	41,442	4,093,492	5	922	68,225	1.01
56,354	3,581,998	117	2,665	1.57	43,519	2,939,505	31	1,512	7,776	1.48
79,603	4,737,150	192	2,067	1.68	47,288	3,647,800	6	848	50,664	1.30
8,604	607,406	17	3,068	1.42	5,230	297,712	6	216	4,135	1.76
11,034	651,682	32	1,697	1.69	20,678	1,711,665	9	472	15,849	1.21
40,435	2,504,860	138	1,513	1.61	*	*	*	*	*	*

▲See Introduction page 153.

CUSTOMERS, REVENUE, for the Year Ended

Municipality	Popu- lation	Total Customers	Peak Load Decem- ber 1969	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
			kw	\$	kwh		kwh	¢
Bolton*	2,452	766	2,781	78,213	6,068,251	643	801	1.29
Bothwell*	860	357	836	22,613	1,772,610	283	522	1.28
Bowmanville*	8,273	2,847	12,693	267,602	24,222,021	2,527	799	1.10
Bracebridge*	3,352	1,398	4,862	123,608	10,005,465	1,131	736	1.24
Bradford*	2,959	1,049	3,457	88,477	7,490,890	839	739	1.18
Braeside.....	496	164	2,060	11,090	947,512	158	506	1.17
Brampton.....	38,106	10,607	46,872	1,122,220	79,521,216	9,688	725	1.41
Brantford*	61,132	20,625	71,793	1,537,970	122,465,905	18,434	557	1.26
Brantford Twp.....	9,298	2,902	11,637	394,635	28,936,559	2,705	903	1.36
Brechin*	253	104	231	5,238	519,290	78	555	1.01
Bridgeport.....	2,228	634	1,937	80,057	5,726,003	581	842	1.40
Brigden.....	541	219	439	10,514	936,010	197	404	1.12
Brighton*	2,780	1,172	3,188	92,062	8,646,010	990	\$697	1.06
Brockville*	20,016	7,013	27,752	643,227	52,228,350	6,158	709	1.23
Brussels.....	859	405	1,028	32,529	2,708,500	363	629	1.20
Burford*	1,143	466	1,251	41,766	3,343,003	374	738	1.25
Burgessville.....	298	110	360	9,424	901,590	94	804	1.04
Burk's Falls*	874	371	1,620	30,603	2,639,405	300	733	1.16
Burlington.....	81,205	21,034	86,478	2,516,784	189,023,161	19,744	813	1.33
Cache Bay.....	729	193	456	14,290	1,262,510	190	560	1.13
Caledonia*	3,044	1,014	2,066	68,486	4,682,145	860	459	1.46
Campbellford*	3,332	1,410	4,933	84,763	10,340,198	1,167	\$717	0.82
Campbellville.....	258	93	248	9,246	793,371	86	778	1.17
Cannington*	1,048	486	1,433	38,197	3,525,610	417	720	1.08
Capreol.....	3,253	1,095	3,232	122,130	9,540,791	1,029	780	1.28
Cardinal*	1,916	687	1,440	45,779	3,822,549	612	\$515	1.20
Carleton Place*	4,908	1,865	5,767	158,323	12,995,901	1,672	\$629	1.22
Casselman*	1,289	434	1,608	34,135	2,970,210	345	727	1.15
Cayuga*	1,070	425	1,077	31,285	2,272,724	342	\$526	1.38
Chalk River*	1,093	288	768	29,058	2,352,350	264	753	1.24
Chapleau Twp.....	3,616	1,050	2,908	106,241	6,571,430	895	609	1.62
Chatham.....	32,405	11,167	41,677	775,474	52,313,673	9,616	459	1.48
Chatsworth.....	398	194	461	13,338	1,230,460	178	571	1.08
Chesley.....	1,719	803	1,735	56,244	5,025,865	665	631	1.12
Chesterville*	1,284	497	2,159	36,758	3,544,252	410	\$665	1.04
Chippawa*	\$4,300	1,375	2,715	109,935	7,484,878	1,273	506	1.47
Clifford.....	536	252	640	19,466	1,715,941	230	631	1.13
Clinton.....	3,321	1,329	3,615	107,296	8,869,170	1,197	619	1.21
†Cobalt.....	2,184	776	1,872	67,188	4,659,000	661	601	1.44
Cobden.....	901	399	1,207	24,105	2,727,140	368	616	0.88

*Municipalities so indicated have general rate in effect. See note on page 174.

†Retail service provided by the Hydro-Electric Power Commission of Ontario.

§Estimated.

AND CONSUMPTION

December 31, 1969

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
70,604	5,611,966	123	3,980	1.26	*	*	*	*	*	*
19,763	1,197,012	74	1,357	1.65	*	*	*	*	*	*
314,958	33,666,132	320	8,767	0.94	*	*	*	*	*	*
108,253	9,122,428	267	2,847	1.19	*	*	*	*	*	*
96,065	7,349,677	210	2,917	1.31	*	*	*	*	*	*
1,634	112,060	4	2,075	1.46	70,857	8,467,384	2	1,869	352,807	0.84
762,209	56,810,072	767	7,061	1.34	807,231	78,304,593	152	17,263	47,115	1.03
2,363,741	245,494,424	2,191	9,513	0.96	*	*	*	*	*	*
105,220	7,595,317	128	5,125	1.39	294,832	24,257,727	69	7,795	29,728	1.22
4,316	334,950	26	1,074	1.29	*	*	*	*	*	*
31,339	1,891,507	46	3,624	1.66	7,549	314,600	7	204	3,745	2.40
4,645	354,350	16	1,737	1.31	5,143	159,860	6	257	2,220	3.22
53,223	3,936,653	182	\$3,417	1.35	*	*	*	*	*	*
783,967	79,799,010	855	7,851	0.98	*	*	*	*	*	*
11,394	709,340	36	1,739	1.61	6,346	318,350	6	191	4,081	1.99
29,116	1,939,835	92	1,847	1.50	*	*	*	*	*	*
5,835	267,590	15	1,487	2.18	1,255	27,900	1	54	2,325	4.50
33,757	2,583,965	71	3,033	1.31	*	*	*	*	*	*
1,310,120	97,937,702	1,086	7,836	1.34	1,142,140	104,688,149	204	28,179	43,949	1.09
2,308	143,470	3	3,985	1.61						
50,487	3,695,996	154	2,067	1.37	*	*	*	*	*	*
82,269	8,259,420	243	\$3,374	1.00	*	*	*	*	*	*
2,082	153,321	7	1,825	1.36						
15,220	1,308,320	69	1,557	1.16	*	*	*	*	*	*
34,658	2,224,140	56	3,340	1.56	18,287	1,753,806	10	372	14,615	1.04
13,631	1,011,578	75	\$1,244	1.35	*	*	*	*	*	*
126,430	10,301,904	193	\$6,110	1.23	*	*	*	*	*	*
30,657	2,477,755	89	2,444	1.24	*	*	*	*	*	*
29,151	1,614,551	83	\$2,233	1.81	*	*	*	*	*	*
9,789	693,090	24	2,357	1.41	*	*	*	*	*	*
63,722	4,072,947	155	2,218	1.56	*	*	*	*	*	*
769,933	43,470,787	1,262	2,905	1.77	1,127,137	106,455,929	289	26,711	30,591	1.06
4,939	327,800	15	1,707	1.51	360	8,550	1	19	713	4.21
23,765	1,461,052	110	1,112	1.63	18,739	1,313,092	28	519	3,908	1.43
54,457	4,962,281	87	\$8,354	1.10	*	*	*	*	*	*
37,940	2,995,080	102	2,471	1.27	*	*	*	*	*	*
4,757	343,187	17	1,682	1.39	4,020	301,630	5	106	4,189	1.33
60,371	3,931,250	106	3,062	1.54	27,381	1,804,550	26	743	5,675	1.52
29,792	1,591,200	108	1,233	1.87	16,309	1,446,700	7	389	17,223	1.13
12,177	908,414	26	2,857	1.34	4,582	209,240	5	245	3,487	2.19

▲See Introduction page 153.

CUSTOMERS, REVENUE, for the Year Ended

Municipality	Popu- lation	Total Customers	Peak Load Decem- ber 1969	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
			kw	\$	kwh		kwh	¢
Cobourg.....	10,403	3,629	18,028	342,692	30,342,396	3,296	778	1.13
Cochrane.....	4,749	1,489	4,715	137,537	9,660,463	1,243	663	1.42
Colborne*.....	1,429	670	2,208	54,507	4,857,059	550	736	1.12
Coldwater*.....	748	339	1,285	30,467	2,809,090	287	836	1.08
Collingwood.....	9,195	3,739	15,480	282,929	24,923,578	3,423	630	1.14
Comber*.....	640	242	520	17,443	1,248,010	218	475	1.40
Coniston.....	2,732	735	2,261	77,476	6,342,300	711	748	1.22
Cookstown*.....	749	301	935	25,276	2,369,815	267	740	1.07
Cottam*.....	653	260	504	16,272	1,192,260	213	466	1.36
Courtright.....	666	234	401	16,262	1,021,050	217	391	1.59
Creemore*.....	951	393	1,120	27,790	2,543,330	327	648	1.09
Dashwood.....	395	194	496	18,613	1,357,230	182	621	1.37
Deep River.....	5,507	1,534	7,339	170,966	17,204,712	1,399	1,033	0.99
Delaware.....	449	156	407	16,138	1,334,660	147	762	1.21
Delhi*.....	3,805	1,665	4,528	87,683	8,001,922	1,365	499	1.10
Deseronto.....	1,768	628	1,719	44,030	3,980,743	592	562	1.11
Dorchester.....	1,136	385	864	25,995	2,337,390	364	537	1.11
Drayton.....	697	303	783	27,489	2,070,170	270	658	1.33
Dresden.....	2,451	986	3,177	61,125	4,774,104	900	445	1.28
Drumbo.....	458	179	409	14,750	1,391,757	173	673	1.06
Dryden*.....	6,815	2,216	6,787	217,178	16,944,492	1,933	\$699	1.28
Dublin.....	294	128	436	9,615	822,430	110	626	1.17
Dundalk.....	937	548	1,430	35,929	3,293,290	486	571	1.09
Dundas.....	16,328	5,283	17,316	510,810	37,443,756	4,905	647	1.36
Dunnville*.....	5,389	2,100	5,888	105,898	8,558,768	1,772	\$392	1.24
Durham.....	2,343	975	2,961	70,830	6,204,565	881	595	1.14
Dutton.....	746	382	614	23,211	1,524,263	357	367	1.52
East York.....	97,625	34,952	94,314	2,207,618	193,525,828	32,924	490	1.14
Eganville.....	1,351	517	1,675	34,014	2,986,270	460	540	1.14
Elmira.....	4,462	1,516	7,509	124,217	11,445,161	1,373	702	1.09
Elmvale*.....	1,048	475	1,463	29,536	2,772,174	371	623	1.07
Elmwood.....	\$450	156	322	8,410	794,170	147	458	1.06
Elora*.....	1,766	644	1,824	61,110	4,530,748	572	695	1.35
Embro*.....	687	280	786	25,423	2,273,390	227	846	1.12
Embrun*.....	1,360	397	1,908	51,415	3,978,610	331	\$975	1.29
†Englehart.....	1,681	660	1,476	50,404	3,294,600	548	502	1.53
Erieau.....	x462	388	600	22,000	1,931,420	354	457	1.14
Erie Beach*.....	x219	148	142	8,127	441,270	145	256	1.84
Erin.....	1,284	508	1,489	48,199	4,387,590	465	793	1.10
Espanola.....	5,801	1,634	5,492	183,473	15,483,535	1,531	854	1.18

*Municipalities so indicated have general rate in effect. See note on page 174.

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

\$Estimated.

xExcluding summer population.

AND CONSUMPTION

December 31, 1969

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Av- erage Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
273,681	22,471,229	311	6,012	1.22	335,991	41,022,848	22	8,557	162,789	0.82
91,973	5,913,929	235	2,152	1.56	52,262	5,274,635	11	984	39,959	0.99
46,469	3,205,826	120	2,226	1.45	*	*	*	*	*	*
24,517	1,771,068	52	2,733	1.38	*	*	*	*	*	*
146,367	11,548,051	262	3,936	1.27	419,365	45,145,601	54	10,981	54,131	0.93
10,908	693,204	24	2,357	1.57	*	*	*	*	*	*
9,790	595,960	17	2,921	1.64	7,792	419,330	7	205	5,824	1.86
8,216	520,764	34	1,276	1.58	*	*	*	*	*	*
8,348	511,190	47	906	1.63	*	*	*	*	*	*
7,994	521,200	14	3,102	1.53	731	73,950	3	16	2,465	0.99
14,609	1,004,380	66	1,268	1.45	*	*	*	*	*	*
2,860	163,120	8	1,699	1.75	11,607	646,740	4	302	13,474	1.79
120,665	9,121,234	130	5,892	1.32	14,177	1,097,180	5	473	18,286	1.29
4,577	240,270	9	2,225	1.90						
121,641	9,339,228	300	2,634	1.30	*	*	*	*	*	/*
13,616	976,068	23	3,461	1.39	28,480	2,168,160	13	817	13,898	1.31
5,277	294,670	17	1,488	1.79	6,217	336,740	4	214	7,015	1.85
7,392	453,317	30	1,303	1.63	4,641	205,400	3	135	5,706	2.26
34,689	2,189,030	63	2,764	1.58	93,532	7,247,824	23	2,452	26,260	1.29
1,813	91,530	5	1,387	1.98	310	14,300	1	11	794	2.17
151,706	10,667,572	283	\$5,102	1.42	*	*	*	*	*	*
6,711	465,595	16	2,425	1.44	7,393	305,500	2	197	12,729	2.42
16,197	1,060,332	46	1,986	1.53	16,305	1,139,793	16	571	5,936	1.43
234,860	16,075,682	268	5,055	1.46	216,027	17,524,766	110	5,735	13,460	1.23
210,064	17,826,807	328	\$5,543	1.18	*	*	*	*	*	*
32,802	2,350,341	70	2,798	1.40	39,315	2,916,870	24	1,216	10,128	1.35
8,860	605,892	18	2,657	1.46	3,485	92,409	7	160	1,100	3.77
1,726,022	155,602,329	1,910	6,789	1.11	1,170,777	131,471,157	118	29,820	92,847	0.89
24,957	1,631,854	49	2,641	1.53	18,977	1,447,338	8	506	15,076	1.31
60,662	4,010,025	99	3,342	1.51	183,623	18,981,301	44	4,726	36,363	0.97
36,765	2,664,518	104	2,135	1.38	*	*	*	*	*	*
2,002	133,226	8	1,234	1.50	2,136	88,000	1	74	7,333	2.43
35,637	2,474,271	72	2,678	1.44	*	*	*	*	*	*
10,244	674,479	53	1,091	1.52	*	*	*	*	*	*
30,089	1,980,995	66	\$4,197	1.52	*	*	*	*	*	*
32,702	1,838,200	106	1,445	1.78	8,633	757,300	6	186	11,474	1.14
7,357	508,080	30	1,411	1.45	6,599	278,950	4	211	5,811	2.37
448	23,190	3	387	1.93	*	*	*	*	*	*
16,568	1,184,950	34	2,904	1.40	14,161	642,664	9	799	6,694	2.20
64,109	4,807,835	97	4,379	1.33	5,354	340,500	6	156	5,159	1.57

▲See Introduction page 153.

CUSTOMERS, REVENUE, for the Year Ended

Municipality	Popula- tion	Total Customers	Peak Load Decem- ber 1969	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
			kw	\$	kwh		kwh	¢
Essex*	3,839	1,324	3,621	101,851	8,045,375	1,096	612	1.27
Etobicoke	268,130	85,745	350,506	7,814,974	671,343,072	80,437	698	1.16
Exeter	3,179	1,407	4,058	133,713	10,994,282	1,237	739	1.22
Fenelon Falls*	1,464	878	2,600	69,244	5,554,150	746	616	1.25
Fergus	5,191	1,818	9,975	166,943	13,446,369	1,658	693	1.24
Finch*	409	182	432	10,947	904,411	140	556	1.21
Flesherton*	551	262	933	16,652	1,747,290	194	\$726	0.95
Fonthill*	\$2,950	909	2,290	79,667	6,487,673	822	625	1.23
Forest	2,246	959	2,676	80,139	7,269,434	876	699	1.10
Fort William	\$49,000	15,791	52,520	1,121,551	121,418,501	14,142	723	0.92
Frankford*	1,843	691	1,881	59,080	5,368,073	590	\$736	1.10
Galt	36,330	10,828	47,107	1,039,953	82,241,484	10,080	681	1.26
Georgetown*	15,465	4,865	19,062	423,784	33,332,869	4,463	\$628	1.27
†Geraldton	3,091	1,160	2,320	90,285	5,719,000	962	494	1.58
Glencoe	1,276	623	1,310	35,931	2,781,270	557	425	1.29
Gloucester Twp.	28,103	7,441	34,435	955,756	69,487,475	6,965	900	1.38
Goderich	6,698	2,726	9,740	219,037	18,004,272	2,501	607	1.22
Grand Bend	x633	869	936	53,615	2,955,970	752	325	1.81
Grand Valley	872	378	1,184	28,131	2,596,980	347	631	1.08
Granton	351	128	284	10,950	787,250	108	605	1.39
Gravenhurst*	3,283	1,513	4,145	105,325	9,406,932	1,284	615	1.12
Grimsby	\$6,800	2,320	5,773	165,915	13,254,446	2,101	525	1.25
Guelph	55,625	16,256	84,849	1,837,615	134,385,105	14,940	755	1.37
Hagersville*	2,259	895	2,983	59,748	4,337,814	704	522	1.38
†Haileybury	3,104	1,071	3,017	102,096	7,232,460	895	686	1.41
Hamilton	294,707	95,414	612,267	6,673,423	543,618,065	85,441	535	1.23
Hanover	4,984	1,932	8,279	155,160	13,152,679	1,657	668	1.18
Harriston*	1,694	738	2,227	62,387	4,716,224	604	658	1.32
Harrow*	1,938	770	2,809	74,698	5,974,475	614	823	1.25
Hastings*	858	443	942	29,815	2,235,660	371	515	1.33
Havelock	1,261	481	1,139	33,696	3,138,218	447	588	1.07
Hawkesbury*	8,927	2,564	11,009	236,052	19,718,092	2,320	721	1.20
Hearst	3,385	960	4,896	106,168	8,882,739	868	881	1.20
Hensall	935	393	1,284	30,642	2,500,730	324	645	1.23
Hespeler*	6,082	1,906	9,658	156,720	11,614,182	1,688	586	1.35
Highgate	406	178	427	8,209	731,790	158	388	1.12
Holstein	168	98	207	5,924	549,540	79	580	1.08
Huntsville*	3,359	1,366	4,689	102,853	8,957,030	1,124	664	1.15
Ingersoll*	7,330	2,595	8,314	193,991	13,126,562	2,265	491	1.48
Iroquois*	1,185	446	1,499	37,966	3,707,720	373	828	1.02

*Municipalities so indicated have general rate in effect. See note on page 174.

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population.

AND CONSUMPTION

December 31, 1969

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
95,899	7,192,767	228	2,629	1.33	*	*	*	*	*	*
4,043,034	317,079,941	3,863	6,859	1.28	7,640,038	823,631,482	1,445	187,301	49,008	0.93
42,635	2,627,583	123	1,787	1.62	60,927	4,070,668	47	1,672	7,142	1.50
51,887	3,490,740	132	2,246	1.49	*	*	*	*	*	*
45,288	2,729,360	116	1,961	1.66	284,257	25,410,766	44	7,320	49,246	1.12
8,807	544,300	42	1,080	1.62	*	*	*	*	*	*
24,708	1,997,120	68	\$2,845	1.24	*	*	*	*	*	*
33,539	2,357,723	87	2,258	1.42	*	*	*	*	*	*
35,141	2,511,436	64	3,220	1.40	23,676	1,551,093	19	773	6,629	1.53
787,601	77,503,120	1,575	3,864	1.02	560,101	61,191,911	74	18,790	64,548	0.92
17,989	1,410,634	101	\$1,466	1.28	*	*	*	*	*	*
409,836	29,959,826	599	4,196	1.37	1,125,005	117,963,617	149	28,963	64,886	0.95
470,688	45,700,754	402	\$10,013	1.03	*	*	*	*	*	*
70,012	4,159,400	184	1,879	1.68	2,945	164,300	14	81	1,014	1.79
22,559	1,376,765	48	2,295	1.64	20,357	1,014,770	18	666	4,451	2.01
719,176	65,798,711	422	13,847	1.09	260,643	21,548,597	54	6,458	34,868	1.21
73,064	5,053,438	154	2,657	1.45	263,458	24,486,109	71	6,680	30,455	1.08
34,379	2,074,590	117	1,478	1.66	.....	.....	.....	.....	.....	.....
10,035	597,360	25	2,074	1.68	4,532	278,080	6	174	3,862	1.63
2,659	130,430	18	639	2.04	396	9,600	2	15	400	4.13
87,974	7,426,506	229	2,738	1.18	*	*	*	*	*	*
115,723	8,125,612	192	3,545	1.42	35,745	2,135,960	27	1,147	6,846	1.67
933,215	62,136,307	1,183	4,499	1.50	2,104,365	219,303,485	133	47,133	141,122	0.96
98,100	7,095,681	191	3,145	1.38	*	*	*	*	*	*
60,289	3,342,000	166	1,703	1.80	9,854	858,900	10	227	7,158	1.15
5,062,343	411,507,597	9,120	3,732	1.23	19,325,997	2,687,114,499	853	460,185	253,740	0.72
80,188	5,879,807	235	2,089	1.36	145,985	13,210,864	40	4,119	27,871	1.11
64,862	5,143,880	134	3,260	1.26	*	*	*	*	*	*
65,935	4,917,080	156	2,577	1.34	*	*	*	*	*	*
22,440	1,662,661	72	1,965	1.35	*	*	*	*	*	*
13,548	1,017,730	31	2,650	1.33	1,633	150,800	3	44	4,189	1.08
275,557	23,075,829	244	7,312	1.19	*	*	*	*	*	*
52,375	3,537,655	75	3,984	1.48	69,863	5,543,692	17	1,830	30,798	1.26
14,317	874,660	52	1,443	1.64	34,117	2,242,850	17	886	11,328	1.52
313,124	30,217,337	218	11,934	1.04	*	*	*	*	*	*
3,462	252,475	17	1,202	1.37	8,516	332,864	3	220	9,246	2.56
1,138	61,750	17	294	1.84	787	36,300	2	17	1,513	2.17
125,683	11,711,696	242	4,033	1.07	*	*	*	*	*	*
289,193	28,012,236	330	7,117	1.03	*	*	*	*	*	*
31,506	2,409,941	73	2,751	1.31	*	*	*	*	*	*

▲See Introduction page 153.

CUSTOMERS, REVENUE, for the Year Ended

Municipality	Popula- tion	Total Customers	Peak Load Decem- ber 1969	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
			kw	\$	kwh		kwh	¢
Jarvis*	919	333	692	20,455	1,376,270	269	§422	1.49
Kapuskasing	12,183	2,356	7,517	218,711	17,411,793	2,180	676	1.26
Kemptville	2,233	1,000	3,657	100,151	8,117,687	924	758	1.23
Kenora	12,973	4,611	12,349	338,837	31,467,434	4,219	623	1.08
Killaloe Station*	768	304	695	18,771	1,399,560	258	§442	1.34
Kincardine	2,747	1,437	3,946	104,830	9,985,872	1,297	656	1.05
King City	1,941	555	1,931	67,049	5,685,007	527	891	1.18
Kingston	55,495	19,446	68,993	1,600,248	137,332,210	16,479	695	1.17
Kingsville*	3,815	1,564	4,347	111,889	9,034,520	1,327	573	1.24
Kirkfield	111	116	216	8,929	685,540	110	519	1.30
†Kirkland Lake (including Swastika)	\$18,000	5,920	12,726	446,679	31,495,800	5,035	523	1.42
Kitchener	105,245	32,167	143,554	2,575,860	227,236,799	30,028	641	1.13
Lakefield	2,079	858	2,757	72,766	6,753,940	768	735	1.08
Lambeth	2,719	824	2,143	83,239	6,320,510	794	661	1.32
Lanark*	903	301	820	19,164	1,804,961	260	579	1.06
Lancaster*	596	226	650	16,395	1,462,830	179	687	1.12
Larder Lake Twp.	1,512	487	1,173	42,430	3,617,670	434	711	1.17
Latchford*	535	166	469	11,872	985,945	150	§555	1.20
Leamington*	9,700	3,678	11,896	244,372	18,299,895	3,070	500	1.34
Lindsay	11,975	4,512	19,045	349,292	32,086,080	3,848	702	1.09
Listowel	4,485	1,816	6,473	139,601	13,406,814	1,638	685	1.04
London*	208,273	65,806	224,054	5,905,504	395,803,489	60,008	556	1.49
L'Orignal	1,351	437	1,206	36,275	3,015,445	406	617	1.20
Lucan	1,079	407	1,259	40,501	3,258,010	373	737	1.24
Lucknow	1,008	486	1,340	29,973	2,910,810	388	628	1.03
Lynden	574	183	642	17,192	1,650,980	175	786	1.04
Madoc	1,267	626	1,864	40,259	4,272,843	546	652	0.94
Magnetawan*	205	119	220	5,873	427,949	88	405	1.37
Markdale*	1,094	531	1,428	35,978	3,330,240	429	653	1.08
Markham	9,124	2,885	12,545	340,012	26,098,267	2,660	859	1.30
Marmora	1,289	534	1,558	47,009	3,872,549	488	662	1.21
Martintown	377	123	248	6,820	604,730	106	475	1.13
Massey*	1,287	401	1,248	40,229	3,155,402	341	785	1.27
†Mattawa*	2,924	787	2,811	101,981	6,800,380	675	817	1.50
Maxville*	761	329	1,017	22,624	2,071,139	258	674	1.09
McGarry Twp.	1,930	413	1,104	37,526	3,265,354	372	728	1.15
Meaford	4,112	1,728	5,556	133,341	10,372,326	1,474	598	1.29
Merlin	633	290	611	15,937	1,439,910	223	545	1.11
Merrickville*	839	370	935	27,845	2,281,034	312	609	1.22
Midland*	10,982	3,758	15,328	279,665	25,200,920	3,315	644	1.11

*Municipalities so indicated have general rate in effect. See note on page 174.

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

AND CONSUMPTION

December 31, 1969

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
16,388	961,854	64	\$1,382	1.70	*	*	*	*	*	*
137,927	8,774,613	150	4,859	1.57	9,730	756,840	26	297	2,426	1.29
68,093	4,956,347	64	6,608	1.37	29,958	1,788,299	12	802	12,419	1.68
261,450	15,883,475	291	4,921	1.65	55,861	3,610,280	101	1,447	3,118	1.55
10,995	801,030	46	\$1,669	1.37	*	*	*	*	*	*
43,555	2,907,640	112	2,203	1.50	35,677	2,436,890	28	983	7,663	1.46
26,899	2,111,346	24	7,487	1.27	2,774	218,551	4	887	4,553	1.27
1,427,821	124,425,480	2,803	3,755	1.15	659,041	73,779,268	164	17,397	36,816	0.89
91,738	7,018,528	237	2,505	1.31	*	*	*	*	*	*
1,184	55,579	6	713	2.13						
265,304	18,611,700	859	1,778	1.43	25,776	2,226,700	26	635	7,002	1.16
2,033,137	153,963,714	1,913	6,863	1.32	2,983,131	309,684,252	226	71,245	104,270	0.96
54,262	3,677,449	79	3,980	1.48	10,949	826,992	11	303	6,892	1.32
20,911	1,377,458	28	4,174	1.52	2,801	215,332	2	61	8,972	1.30
15,062	1,004,503	41	2,042	1.50	*	*	*	*	*	*
10,216	821,490	47	1,505	1.24	*	*	*	*	*	*
12,148	740,940	49	1,223	1.64	1,520	134,210	4	30	2,796	1.13
6,476	508,960	16	\$3,534	1.27	*	*	*	*	*	*
385,878	37,436,449	608	5,256	1.03	*	*	*	*	*	*
536,866	58,029,613	664	7,360	0.93	*	*	*	*	*	*
96,903	7,450,160	151	4,326	1.30	64,657	5,693,925	27	1,922	16,648	1.14
7,335,057	701,115,632	5,798	10,280	1.05	*	*	*	*	*	*
19,472	1,383,601	29	4,046	1.41	785	17,855	2	47	744	4.40
14,901	1,049,890	26	2,734	1.42	6,952	367,995	8	213	3,608	1.89
15,697	1,062,870	88	973	1.48	19,999	1,000,550	10	513	7,940	2.00
2,552	200,520	5	3,342	1.27	6,430	530,675	3	206	14,741	1.21
27,542	2,106,831	70	2,508	1.31	6,133	411,751	10	223	3,268	1.49
3,780	279,375	31	728	1.35	*	*	*	*	*	*
29,502	2,191,125	102	1,844	1.35	*	*	*	*	*	*
128,435	8,965,740	198	4,209	1.43	120,375	11,287,032	27	2,965	34,837	1.07
17,212	1,130,492	40	2,479	1.52	3,531	272,020	6	88	3,778	1.30
2,692	185,170	15	1,029	1.45	628	10,650	2	43	444	5.90
15,304	1,217,566	60	1,677	1.26	*	*	*	*	*	*
71,952	5,021,920	112	3,532	1.43	*	*	*	*	*	*
26,761	1,904,190	71	2,235	1.41	*	*	*	*	*	*
11,194	666,229	39	1,406	1.68	1,748	150,410	2	49	6,267	1.16
70,011	4,893,365	219	1,892	1.43	97,662	7,786,269	35	2,239	18,278	1.25
12,280	779,248	61	1,065	1.58	10,192	432,490	6	268	6,007	2.36
18,045	1,344,094	58	1,931	1.34	*	*	*	*	*	*
455,766	46,765,930	443	9,032	0.97	*	*	*	*	*	*

▲See Introduction page 153.

CUSTOMERS, REVENUE, for the Year Ended

Municipality	Popula- tion	Total Customers	Peak Load Decem- ber 1969	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Mildmay	973	374	823	31,083	2,666,453	339	669	1.17
Millbrook	897	347	828	34,644	2,646,610	328	678	1.31
Milton*	6,611	2,073	10,152	161,796	14,877,445	1,730	743	1.09
Milverton	1,106	526	1,325	41,845	3,197,212	457	604	1.31
Mississauga	132,041	33,995	211,600	4,367,131	341,933,708	31,987	910	1.28
Mitchell*	2,461	1,046	3,352	79,553	6,516,706	881	624	1.22
Moorefield	290	155	487	12,261	964,720	142	578	1.27
Morrisburg*	2,007	812	2,343	68,056	5,956,357	682	§712	1.14
Mount Brydges	1,184	453	920	31,187	2,359,630	419	480	1.32
Mount Forest*	2,962	1,283	3,833	108,521	9,982,090	1,052	§756	1.09
Napanee*	4,514	1,829	5,287	125,375	10,710,820	1,533	582	1.17
Nepean Twp.	56,560	14,213	71,630	2,115,074	162,067,082	13,168	1,053	1.31
Neustadt	571	229	630	17,440	1,509,160	189	669	1.16
Newboro*	270	174	272	11,629	783,580	152	434	1.48
Newburgh*	606	210	450	17,707	1,291,543	177	§619	1.37
Newbury	296	149	382	7,749	607,850	137	368	1.27
Newcastle	1,688	620	2,206	63,102	4,897,514	558	743	1.29
New Hamburg	2,816	954	3,613	96,490	8,542,692	872	830	1.13
†New Liskeard	5,336	1,915	6,083	176,578	12,716,500	1,591	671	1.39
Newmarket*	9,904	3,403	12,876	276,941	24,189,472	2,940	711	1.15
Niagara	§3,100	1,193	2,762	92,546	7,898,001	1,101	601	1.17
Niagara Falls	§58,000	18,148	57,877	1,524,217	106,976,101	16,882	531	1.42
Nipigon Twp.*	2,618	805	2,455	62,406	5,448,471	665	692	1.15
North Bay*	44,574	14,827	51,367	1,259,781	103,166,433	12,893	670	1.22
North York	441,401	125,465	495,052	12,160,434	975,008,537	115,541	712	1.25
Norwich	1,753	723	1,362	46,831	4,099,020	614	559	1.14
Norwood	1,103	447	1,125	32,881	3,243,603	413	661	1.01
Oakville*	55,531	16,038	114,552	1,897,932	143,069,812	13,914	866	1.33
Oil Springs*	529	261	486	11,623	903,990	184	§382	1.29
Omeme	850	321	692	25,761	2,030,553	295	563	1.27
Orangeville*	7,148	2,565	8,797	217,993	16,316,850	2,193	623	1.34
Orillia	21,153	7,586	29,300	576,194	50,311,795	6,692	640	1.15
Orono	1,000	413	1,127	41,033	3,153,163	379	707	1.30
Oshawa*	85,003	25,249	129,910	2,480,815	225,558,144	22,767	836	1.10
Ottawa	325,314	101,422	393,552	6,495,337	789,169,378	89,495	738	0.82
Otterville	775	300	624	20,842	1,760,042	262	562	1.18
Owen Sound	18,346	6,464	23,673	596,744	54,313,746	6,014	756	1.10
Paisley*	732	340	998	21,971	2,058,150	272	648	1.07
Palmerston	1,691	721	2,059	62,945	4,727,935	649	611	1.33
Paris*	6,467	2,260	5,771	161,913	11,770,816	1,971	§500	1.38

*Municipalities so indicated have general rate in effect. See note on page 174.

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

AND CONSUMPTION

December 31, 1969

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
8,154	478,685	28	1,451	1.70	3,791	205,560	7	140	2,447	1.84
9,666	523,162	19	2,236	1.85	*	*	*	*	*	*
280,014	29,102,152	343	7,823	0.96	*	*	*	*	*	*
25,653	1,410,889	52	2,218	1.82	15,351	764,938	17	459	3,541	2.01
2,406,291	175,172,880	1,555	9,738	1.37	5,169,059	537,910,570	453	106,799	101,761	0.96
99,344	8,153,401	165	4,105	1.22	*	*	*	*	*	*
2,831	147,080	11	1,114	1.92	9,004	659,000	2	186	27,458	1.37
54,882	4,051,892	130	\$2,968	1.35	*	*	*	*	*	*
9,140	553,420	28	1,677	1.65	9,291	646,290	6	252	8,976	1.44
70,052	5,052,745	231	\$2,477	1.39	*	*	*	*	*	*
146,069	12,018,182	296	3,383	1.22	*	*	*	*	*	*
1,258,904	93,723,661	975	8,247	1.34	515,025	51,520,256	70	10,816	64,080	1.00
4,332	322,785	38	708	1.34	3,472	134,200	2	135	5,592	2.59
2,945	200,570	22	796	1.47	*	*	*	*	*	*
10,316	501,708	33	\$1,394	2.06	*	*	*	*	*	*
5,922	507,410	10	4,228	1.17	3,471	132,600	2	129	5,525	2.62
17,840	1,080,040	46	1,957	1.65	21,140	1,455,384	16	517	8,085	1.45
28,360	1,837,027	56	2,758	1.54	33,046	2,242,625	26	913	7,475	1.47
153,202	9,372,800	304	2,604	1.63	62,736	4,651,200	20	1,433	19,380	1.35
354,841	30,351,475	463	6,143	1.17	*	*	*	*	*	*
40,720	2,781,210	74	3,111	1.46	16,216	1,098,170	18	419	5,084	1.48
1,534,681	115,349,783	1,170	8,330	1.33	620,026	56,938,890	96	14,363	49,685	1.09
78,808	7,238,280	140	4,248	1.09	*	*	*	*	*	*
1,360,228	124,846,272	1,934	5,352	1.09	*	*	*	*	*	*
10,273,460	872,959,299	8,623	8,614	1.18	5,103,442	476,769,685	1,301	128,674	31,272	1.07
19,371	1,069,756	97	901	1.81	5,932	457,231	12	155	3,175	1.30
10,237	801,495	31	2,190	1.28	5,276	362,415	3	189	10,067	1.46
4,532,717	508,612,949	2,124	20,265	0.89	*	*	*	*	*	*
16,347	1,466,930	77	\$2,117	1.11	*	*	*	*	*	*
10,525	550,984	25	1,996	1.91	4,174	379,774	1	78	15,824	1.10
208,492	16,021,852	372	3,623	1.30	*	*	*	*	*	*
318,310	24,585,360	754	2,732	1.29	545,413	52,909,215	140	20,004	31,950	1.03
12,263	751,769	26	2,557	1.63	12,548	786,820	8	304	10,087	1.59
4,279,486	480,150,093	2,482	15,657	0.89	*	*	*	*	*	*
13,176,752	1,114,117,973	11,779	7,914	1.18	567,807	55,811,229	148	15,185	31,532	1.02
6,751	387,140	32	1,008	1.74	5,871	239,210	6	173	3,067	2.45
223,767	17,960,954	317	4,729	1.25	416,791	50,925,550	133	11,822	31,436	0.82
18,557	1,337,937	68	1,604	1.39	*	*	*	*	*	*
34,460	2,156,022	55	3,152	1.60	11,469	720,635	17	421	3,640	1.59
178,222	17,157,415	289	\$4,965	1.04	*	*	*	*	*	*

▲See Introduction page 153.

CUSTOMERS, REVENUE, for the Year Ended

Municipality	Popula- tion	Total Customers	Peak Load Decem- ber 1969	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
			kw	\$	kwh		kwh	c
Parkhill	1,119	529	1,419	39,184	3,250,490	463	585	1.21
Parry Sound	5,736	2,254	7,600	210,566	18,647,621	2,019	773	1.13
Pembroke*	15,685	5,124	15,029	460,849	37,297,170	4,405	703	1.24
Penetanguishene*	5,109	1,558	5,157	130,108	11,903,145	1,348	745	1.09
Perth*	5,539	2,176	6,949	159,561	12,951,624	1,823	592	1.23
Peterborough*	55,341	18,150	77,942	1,852,171	154,989,236	16,205	805	1.20
Petrolia	3,918	1,488	3,850	100,959	7,362,540	1,269	494	1.37
Pickering*	2,116	672	1,681	64,011	4,812,609	594	\$677	1.33
Pictou	4,703	1,891	5,891	160,469	12,734,482	1,569	684	1.26
Plantagenet*	883	258	1,219	26,500	1,996,011	210	790	1.33
Plattsville*	560	208	1,106	14,903	1,449,080	168	721	1.03
Point Edward	2,834	921	7,566	58,784	4,094,970	803	428	1.44
Port Arthur*	\$47,000	15,085	63,600	1,099,534	107,470,681	13,504	668	1.02
Port Burwell	670	408	402	26,523	1,320,370	386	280	2.01
†Port Carling	x526	611	904	52,923	3,072,800	530	488	1.72
Port Colborne*	\$18,500	5,628	16,368	404,262	27,632,266	5,021	460	1.46
Port Credit*	8,573	2,931	19,448	195,549	15,931,699	2,335	574	1.23
Port Dover*	3,348	1,585	2,961	89,861	6,681,900	1,343	\$401	1.34
Port Elgin	2,224	1,324	3,350	117,610	9,794,634	1,193	701	1.20
Port Hope*	8,632	3,052	12,266	295,442	24,354,562	2,662	\$730	1.21
Port McNicoll*	1,297	649	2,066	45,721	4,033,580	622	550	1.13
Port Perry*	2,827	1,069	3,613	105,553	9,200,257	911	843	1.15
Port Rowan*	843	368	640	18,808	1,304,150	282	385	1.44
Port Stanley	x1,551	1,134	1,705	86,103	5,684,420	1,106	424	1.51
†Powassan	1,071	410	1,548	45,495	3,541,800	326	908	1.28
Prescott	5,428	1,949	5,884	122,456	13,063,776	1,815	601	0.94
Preston	15,089	4,509	17,434	397,916	32,113,279	4,171	660	1.24
Priceville	126	74	112	5,340	322,270	68	395	1.66
Princeton*	427	191	493	12,727	1,304,217	143	771	0.98
Queenston	\$560	190	510	16,820	1,811,401	184	820	0.93
Rainy River	1,111	441	1,393	44,929	3,306,400	406	689	1.36
Red Rock*	1,898	382	1,200	34,056	2,973,206	351	708	1.15
Renfrew	9,138	3,018	10,028	237,508	23,506,046	2,723	727	1.01
Richmond*	1,862	598	2,194	62,545	5,663,030	546	\$895	1.10
Richmond Hill*	19,577	5,538	20,552	515,357	42,785,959	4,879	\$725	1.20
Ridgetown	2,794	1,167	2,800	68,076	4,878,983	976	417	1.40
Ripley	406	232	648	18,017	1,682,740	212	668	1.07
Rockland*	3,486	963	2,805	86,005	6,865,425	858	675	1.25
Rockwood	985	338	949	40,022	3,061,192	327	784	1.31
Rodney*	1,060	456	910	27,768	1,932,262	367	439	1.44

*Municipalities so indicated have general rate in effect. See note on page 174.

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population.

AND CONSUMPTION

December 31, 1969

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Av- erage Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
19,883	1,169,810	48	2,010	1.70	23,146	1,278,650	18	661	6,458	1.81
117,286	8,261,479	204	3,375	1.42	46,996	4,112,043	31	1,247	11,054	1.14
474,761	33,116,618	719	3,957	1.43	*	*	*	*	*	*
117,259	11,187,873	210	4,570	1.05	*	*	*	*	*	*
191,747	17,614,874	353	4,158	1.09	*	*	*	*	*	*
2,238,370	239,925,797	1,945	10,495	0.93	*	*	*	*	*	*
78,066	4,509,760	188	1,968	1.73	74,868	3,480,170	31	1,882	8,530	2.15
33,578	2,624,783	78	\$2,916	1.28	*	*	*	*	*	*
96,976	7,151,770	288	2,099	1.36	40,875	3,717,542	34	1,142	9,112	1.10
28,493	2,208,126	48	3,794	1.29	*	*	*	*	*	*
35,824	3,248,843	40	6,685	1.10	*	*	*	*	*	*
80,087	6,010,370	100	5,190	1.33	244,988	24,285,000	18	6,259	119,044	1.01
1,821,865	199,960,614	1,581	10,441	0.91	*	*	*	*	*	*
8,340	510,310	21	1,810	1.63	144	2,230	1	9	124	.....
24,360	1,177,000	74	1,344	2.07	1,676	125,600	7	93	1,495	1.33
542,403	53,378,929	607	7,286	1.02	*	*	*	*	*	*
882,665	107,857,623	596	16,268	0.82	*	*	*	*	*	*
80,823	5,820,542	242	\$2,540	1.39	*	*	*	*	*	*
43,700	2,761,630	114	2,028	1.58	36,338	2,495,622	17	922	12,604	1.46
352,062	31,885,700	390	\$9,733	1.10	*	*	*	*	*	*
22,741	1,199,760	27	3,703	1.90	*	*	*	*	*	*
61,881	4,947,169	158	2,695	1.25	*	*	*	*	*	*
12,493	790,790	86	766	1.58	*	*	*	*	*	*
8,440	504,746	14	2,804	1.67	9,892	504,870	14	353	2,805	1.96
26,710	1,772,600	78	1,875	1.51	1,276	58,900	6	43	982	2.17
69,261	5,422,634	116	3,999	1.28	61,669	6,155,018	18	1,932	27,725	1.00
137,179	8,824,351	199	3,850	1.55	476,323	42,459,005	139	13,351	25,273	1.12
884	22,090	6	307	4.00	.....	.....	.....	.....	.....	.....
7,700	620,133	48	1,123	1.24	*	*	*	*	*	*
4,932	380,680	6	5,768	1.30	.....	.....	.....	.....	.....	.....
22,371	1,477,719	33	3,732	1.51	1,985	172,496	2	42	5,750	1.15
27,573	2,441,518	31	6,563	1.13	*	*	*	*	*	*
97,312	8,071,308	244	2,844	1.21	117,464	11,740,689	51	3,909	17,015	1.00
32,275	2,331,315	52	\$4,317	1.38	*	*	*	*	*	*
531,130	48,440,892	659	\$6,580	1.10	*	*	*	*	*	*
39,452	2,323,685	162	1,192	1.70	58,310	3,801,249	29	1,548	10,923	1.53
5,201	362,200	14	2,082	1.44	3,762	286,575	6	111	3,980	1.31
35,423	2,388,936	105	1,923	1.48	*	*	*	*	*	*
6,158	372,083	10	2,953	1.66	1,271	44,700	1	36	3,725	2.84
20,047	1,461,610	89	1,376	1.37	*	*	*	*	*	*

▲See Introduction page 153.

CUSTOMERS, REVENUE, for the Year Ended

Municipality	Popula- tion	Total Customers	Peak Load Decem- ber 1969	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
			kw	\$	kwh		kwh	c
Rosseau*.....	229	142	288	9,183	756,200	125	521	1.21
Russell.....	605	242	980	21,183	1,892,620	202	803	1.12
St. Catharines*.....	105,906	31,795	159,201	2,561,123	183,490,875	28,648	541	1.40
St. Clair Beach*.....	1,965	544	1,746	63,607	4,838,635	518	782	1.31
St. George*.....	963	338	865	22,780	1,978,532	285	586	1.15
St. Jacobs.....	928	285	1,326	24,752	2,234,754	233	798	1.11
St. Marys.....	4,680	1,897	5,356	139,574	12,595,650	1,752	613	1.11
St. Thomas*.....	23,966	8,705	29,041	726,116	54,149,832	7,765	576	1.34
Sandwich West Twp.*.....	9,966	2,963	8,341	342,701	24,457,140	2,817	785	1.40
Sarnia.....	57,099	16,898	66,884	1,513,142	109,774,408	15,814	580	1.38
Scarborough.....	294,625	84,733	326,593	8,309,239	676,486,448	79,591	714	1.23
Schreiber Twp.*.....	2,126	689	2,087	61,880	6,007,494	604	832	1.03
Seaforth*.....	2,218	891	2,584	69,082	5,185,220	748	581	1.33
Shelburne*.....	1,476	697	2,270	60,517	5,445,500	570	§769	1.11
Simcoe*.....	10,462	3,969	14,925	256,837	21,307,390	3,330	§517	1.21
Sioux Lookout*.....	2,686	951	2,994	95,004	8,113,448	815	§819	1.17
Smiths Falls*.....	9,995	3,680	13,042	303,645	25,779,518	3,133	§653	1.18
Southampton.....	x1,792	1,368	2,419	77,789	6,653,630	1,221	461	1.17
South Grimsby Twp.*.....	§2,900	438	897	25,168	1,830,245	341	464	1.38
†South Porcupine.....	§6,100	2,103	4,267	152,016	11,144,600	1,828	510	1.36
South River.....	957	351	1,038	38,065	2,658,972	322	705	1.43
Springfield*.....	515	184	374	13,552	1,053,760	152	578	1.29
Stayner*.....	1,929	808	2,292	58,148	5,175,865	665	§628	1.12
Stirling.....	1,407	589	1,779	44,707	4,312,484	514	705	1.04
Stoney Creek.....	7,686	2,191	6,798	217,709	19,042,145	2,043	777	1.14
Stouffville.....	4,222	1,455	4,834	142,577	12,127,663	1,333	788	1.18
Stratford*.....	23,420	7,844	33,620	795,681	58,030,198	6,919	701	1.37
Strathroy.....	6,148	2,201	7,343	187,540	15,094,300	1,995	632	1.24
Streetsville.....	6,180	1,665	6,409	129,497	10,940,933	1,434	646	1.18
Sturgeon Falls.....	6,424	1,839	5,857	187,208	14,391,758	1,710	704	1.30
Sudbury.....	89,144	28,307	77,832	2,172,625	217,104,134	25,578	732	1.00
Sunderland*.....	654	289	832	22,359	1,993,460	239	695	1.12
Sundridge*.....	694	346	1,118	27,479	2,511,091	277	§707	1.09
Sutton*.....	1,633	1,000	2,795	75,045	6,021,388	820	612	1.25
Tara.....	603	280	1,087	22,444	2,198,150	254	731	1.02
Tavistock*.....	1,405	555	1,987	44,952	4,086,090	441	785	1.10
Tecumseh*.....	4,965	1,495	4,046	130,339	9,013,455	1,365	555	1.45
Teeswater.....	935	409	1,411	28,274	2,736,598	366	634	1.03
Terrace Bay Twp.....	1,864	475	2,150	52,835	6,188,013	421	1,235	0.85
Thamesford*.....	1,466	487	1,595	49,736	4,132,690	444	§784	1.20

*Municipalities so indicated have general rate in effect. See note on page 174.

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population;

AND CONSUMPTION

December 31, 1969

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh ▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
3,295	245,300	17	1,202	1.34	*	*	*	*	*	*
9,414	702,650	40	1,482	1.34	*	*	*	*	*	*
5,685,592	632,814,563	3,147	17,094	0.90	*	*	*	*	*	*
17,465	1,574,080	26	5,466	1.11	*	*	*	*	*	*
22,779	1,678,101	53	2,742	1.36	*	*	*	*	*	*
24,777	1,712,340	42	3,318	1.45	10,280	547,430	10	387	4,562	1.88
42,061	3,008,590	96	2,639	1.40	79,254	8,299,839	49	2,324	13,973	0.95
979,027	94,729,359	940	10,199	1.03	*	*	*	*	*	*
53,709	3,751,760	146	2,266	1.43	*	*	*	*	*	*
899,796	63,787,728	927	5,707	1.41	1,364,862	182,655,210	157	35,111	96,643	0.75
5,042,703	396,976,477	4,325	7,929	1.27	4,983,297	500,565,878	817	118,711	54,528	1.00
46,049	3,592,860	85	3,522	1.28	*	*	*	*	*	*
73,903	5,135,030	143	2,972	1.44	*	*	*	*	*	*
31,758	2,207,510	127	\$2,090	1.44	*	*	*	*	*	*
519,759	48,269,291	639	\$8,433	1.08	*	*	*	*	*	*
69,678	5,097,391	136	\$3,147	1.37	*	*	*	*	*	*
344,507	33,695,183	547	\$7,308	1.02	*	*	*	*	*	*
32,905	1,879,430	129	1,228	1.75	28,409	2,155,345	18	784	10,565	1.32
24,599	1,418,251	97	1,225	1.73	*	*	*	*	*	*
80,014	4,382,600	268	1,355	1.83	3,969	277,500	7	131	3,304	1.43
13,610	818,189	25	2,727	1.66	11,960	662,393	4	241	12,267	1.81
6,916	460,950	32	1,200	1.50	*	*	*	*	*	*
31,224	2,471,920	143	\$1,471	1.26	*	*	*	*	*	*
19,282	1,372,362	62	1,955	1.41	10,756	976,377	13	371	6,259	1.10
103,368	7,540,267	119	5,440	1.37	15,013	1,128,960	29	483	3,136	1.33
73,840	5,310,433	108	4,155	1.39	23,337	1,508,318	14	730	9,669	1.55
1,227,757	104,804,000	925	9,427	1.17	*	*	*	*	*	*
84,399	5,578,210	154	3,028	1.51	160,578	11,433,040	52	4,205	17,976	1.40
98,714	7,194,629	203	3,005	1.37	92,557	10,298,112	28	2,462	31,207	0.90
87,982	6,039,585	112	4,596	1.46	12,113	1,124,964	17	249	5,515	1.08
1,340,037	109,603,605	2,419	3,800	1.22	297,003	24,489,115	310	9,005	6,604	1.21
13,493	1,009,734	50	1,683	1.34	*	*	*	*	*	*
20,415	1,487,238	69	\$2,838	1.37	*	*	*	*	*	*
66,687	4,851,053	180	2,246	1.37	*	*	*	*	*	*
12,191	915,030	19	4,013	1.33	16,813	1,754,000	7	400	20,881	0.96
40,907	3,494,450	114	2,554	1.17	*	*	*	*	*	*
79,642	6,969,814	130	4,417	1.14	*	*	*	*	*	*
14,263	960,190	36	2,353	1.49	23,181	2,025,790	7	679	24,117	1.14
37,055	2,965,408	52	4,752	1.25	6,322	708,000	2	164	29,500	0.89
34,878	3,011,444	43	\$6,326	1.16	*	*	*	*	*	*

▲See Introduction page 153.

CUSTOMERS, REVENUE, for the Year Ended

Municipality	Popula- tion	Total Customers	Peak Load Decem- ber 1969	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh
			kw	\$	kwh		kwh	¢
Thamesville.....	1,020	450	1,232	29,880	2,354,025	398	491	1.27
Thedford.....	699	309	862	25,483	2,120,810	280	635	1.20
Thessalon.....	1,649	593	1,712	55,954	4,117,122	538	643	1.36
Thornbury*.....	1,213	605	1,778	45,107	3,418,530	506	569	1.32
Thorndale.....	434	157	348	14,554	1,160,170	147	660	1.25
Thornton*.....	312	120	336	8,295	742,674	99	658	1.12
Thorold.....	\$8,900	2,636	7,297	212,392	13,977,278	2,375	489	1.52
Tilbury.....	3,623	1,220	3,573	84,968	6,116,420	1,097	440	1.39
Tillsonburg.....	6,520	2,739	8,820	175,110	15,199,488	2,391	533	1.15
†Timmins (incl. Schumacher)...	\$33,000	10,321	23,690	782,877	58,330,198	9,005	543	1.34
Toronto.....	674,602	219,433	852,717	15,668,443	1,099,931,047	187,943	488	1.42
Tottenham*.....	1,123	415	1,011	27,725	2,339,390	350	557	1.19
Trenton.....	14,003	4,734	21,796	353,469	34,722,044	4,361	653	1.02
Tweed*.....	1,727	675	2,431	53,094	5,241,110	545	\$780	1.01
Uxbridge.....	2,872	1,095	4,084	103,422	8,799,856	998	749	1.18
Vankleek Hill*.....	1,659	606	1,852	39,787	3,775,174	509	\$590	1.05
Vaughan Twp*.....	18,579	5,971	33,374	667,311	52,062,289	4,915	918	1.28
Victoria Harbour*.....	1,087	590	1,127	37,828	2,767,770	552	421	1.37
Walkerton*.....	4,303	1,603	6,779	134,541	11,739,134	1,320	741	1.15
Wallaceburg.....	10,893	3,724	20,486	226,916	17,252,910	3,272	441	1.32
Wardsville*.....	325	168	380	10,113	781,430	131	503	1.29
Warkworth*.....	535	254	588	19,784	1,475,510	200	623	1.34
Wasaga Beach.....	1,424	932	1,141	47,598	2,858,320	739	319	1.67
Waterdown.....	2,214	647	2,041	65,925	5,340,230	563	795	1.23
Waterford*.....	2,485	899	2,135	64,957	4,581,313	792	\$464	1.42
Waterloo.....	33,258	9,047	48,587	949,380	77,597,859	7,973	828	1.22
Watford.....	1,333	588	2,068	41,568	3,841,134	532	610	1.08
Waubashene*.....	\$1,500	485	690	26,792	1,993,140	457	367	1.34
Webbwood*.....	584	162	426	14,662	1,005,345	139	623	1.46
Welland*.....	\$41,000	12,168	41,216	849,600	55,146,276	10,926	423	1.54
Wellesley*.....	810	325	827	27,119	2,211,647	268	699	1.23
Wellington*.....	905	499	1,011	26,602	2,445,274	396	520	1.09
West Lorne.....	1,013	475	1,851	31,052	2,511,250	418	505	1.24
Westport*.....	602	306	722	20,132	1,851,080	239	\$603	1.09
Wheatley*.....	1,607	586	1,399	43,351	3,353,520	484	579	1.29
Whitby*.....	23,875	6,960	29,401	761,600	64,257,933	6,257	869	1.19
Wiarton*.....	1,959	864	2,591	61,196	5,576,600	709	658	1.10
Williamsburg.....	322	148	448	9,190	866,512	126	578	1.06
Winchester*.....	1,517	609	2,495	49,680	4,587,853	511	765	1.08
Windermere.....	x101	142	169	8,619	586,480	131	376	1.47

*Municipalities so indicated have general rate in effect. See note on page 174.

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population.

AND CONSUMPTION

December 31, 1969

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers, Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
14,323	1,008,556	36	2,472	1.42	23,364	1,024,980	16	864	5,177	2.28
6,235	347,450	21	1,317	1.79	8,784	589,394	8	235	5,778	1.49
32,167	2,041,646	48	3,659	1.58	8,817	547,577	7	190	6,519	1.61
52,666	3,702,050	99	3,101	1.42	*	*	*	*	*	*
1,754	133,337	7	1,587	1.32	2,139	75,320	3	91	2,092	2.84
3,317	233,010	21	947	1.42	*	*	*	*	*	*
93,712	5,465,277	220	2,065	1.71	157,576	16,766,853	41	4,273	34,500	0.94
53,934	3,721,290	100	3,164	1.45	83,016	5,109,280	23	2,702	19,353	1.62
173,544	12,945,291	300	3,608	1.34	98,232	8,056,054	48	2,856	14,133	1.22
504,875	32,550,736	1,283	2,120	1.55	52,077	3,668,500	33	1,361	9,705	1.42
12,173,866	830,595,570	24,095	2,873	1.47	28,184,225	2,859,892,453	7,395	600,952	32,228	0.99
12,151	791,230	65	1,014	1.54	*	*	*	*	*	*
189,466	15,730,647	329	3,991	1.20	534,131	68,139,876	44	13,101	132,054	0.78
56,142	4,560,647	130	\$3,228	1.23	*	*	*	*	*	*
51,024	3,431,045	74	3,971	1.49	74,042	4,831,347	23	2,024	16,104	1.53
24,166	1,719,914	97	\$2,275	1.41	*	*	*	*	*	*
1,081,337	103,958,611	1,056	7,826	1.04	*	*	*	*	*	*
17,438	1,180,670	38	2,733	1.48	*	*	*	*	*	*
191,244	16,954,475	283	4,992	1.13	*	*	*	*	*	*
133,108	10,530,170	341	2,619	1.26	808,845	83,968,090	111	19,643	62,756	0.96
7,779	488,480	37	1,031	1.59	*	*	*	*	*	*
9,399	588,700	54	892	1.60	*	*	*	*	*	*
44,679	2,375,930	192	1,042	1.88	317	10,960	1	9	913	2.89
36,901	2,644,100	67	3,338	1.40	8,065	507,420	17	223	2,487	1.59
71,100	4,540,505	107	\$5,380	1.57	*	*	*	*	*	*
665,248	49,677,951	996	4,413	1.34	1,200,385	116,665,332	78	25,187	111,110	1.03
17,723	1,178,758	42	2,284	1.50	53,120	4,768,579	14	1,466	29,436	1.11
5,627	385,110	28	1,146	1.46	*	*	*	*	*	*
5,852	416,140	23	1,445	1.41	*	*	*	*	*	*
1,694,316	154,395,356	1,242	10,426	1.10	*	*	*	*	*	*
11,336	701,106	57	1,034	1.62	*	*	*	*	*	*
17,616	1,560,767	103	1,281	1.13	*	*	*	*	*	*
14,471	936,700	44	1,754	1.54	46,381	3,374,340	13	1,226	22,496	1.37
13,067	1,006,047	67	\$1,728	1.30	*	*	*	*	*	*
34,343	2,304,495	102	1,892	1.49	*	*	*	*	*	*
766,245	76,270,461	703	9,172	1.00	*	*	*	*	*	*
56,336	4,322,444	155	2,331	1.30	*	*	*	*	*	*
6,803	481,130	21	1,909	1.41	238	16,060	1	6	1,338	1.43
74,968	8,013,192	98	6,515	0.94	*	*	*	*	*	*
4,837	292,839	11	2,218	1.65	.....	.....	.....	.....	.....	.....

▲See Introduction page 153.

CUSTOMERS, REVENUE,
for the Year Ended

Municipality	Popula- tion	Total Customers	Peak Load Decem- ber 1969	RESIDENTIAL SERVICE (including flat-rate water-heaters)				
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Av- erage Cost per Kwh
			kw	\$	kwh		kwh	¢
Windsor*	199,772	60,779	209,491	4,729,125	315,603,500	54,250	487	1.50
Wingham	2,931	1,211	4,626	94,616	10,347,693	1,086	804	0.91
Woodbridge	2,453	825	3,248	72,637	7,258,712	759	805	1.00
Woodstock*	24,912	8,382	35,772	777,116	61,143,697	7,410	693	1.27
Woodville*	431	202	480	13,046	1,166,380	167	587	1.12
Wyoming	1,168	452	1,252	29,719	2,423,840	411	504	1.23
York*	139,716	44,869	112,498	2,690,426	258,056,366	40,709	522	1.04
Zurich	732	332	850	26,837	2,126,990	268	670	1.26

§Estimated.

*Municipalities so indicated have general rate in effect. Statistics for former small commercial, commercial, and industrial power service are combined. For most of the municipalities where the rate was introduced during 1969, average monthly consumption for residential and general-rate service has been estimated. This provides more appropriate figures than would result from using the average of the 1968 and 1969 year-end numbers of customers in the calculation.

NOTE

December peak loads—When the figure shown is in bold face, local generation and/or local purchases of power have been included together with the load supplied by Ontario Hydro.

AND CONSUMPTION

December 31, 1969

COMMERCIAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh▲
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
7,470,494	739,813,250	6,529	9,502	1.01	*	*	*	*	*	*
53,997	4,404,302	89	4,124	1.23	63,368	6,134,652	36	1,964	14,400	1.03
29,751	2,391,155	56	3,590	1.24	46,242	5,186,312	10	1,192	41,161	0.89
1,257,995	122,351,891	972	10,538	1.03	*	*	*	*	*	*
4,922	334,250	35	796	1.47	*	*	*	*	*	*
16,323	1,123,080	34	2,753	1.45	13,583	799,880	7	390	9,522	1.70
3,529,682	360,892,502	4,160	7,195	0.98	*	*	*	*	*	*
14,782	697,426	58	985	2.12	4,681	287,530	6	99	3,993	1.63

▲See Introduction page 153.

LIST OF ABBREVIATIONS

A.M.E.U.—Association of Municipal Electrical Utilities	min —minimum
C.L.C. —Canadian Labour Congress	—minute (20-min)
ehv —extra-high-voltage	mw —megawatt
G.S. —Generating Station	N.P.D. —Nuclear Power Demonstration
hp —horsepower	O.M.E.A.—Ontario Municipal Electric Association
kV —kilovolt(s)	S.S. —Switching Station
kva —kilovolt-ampere(s)	T.S. —Transformer Station
kwh —kilowatt-hour(s)	Twp. —Township
M.E.U. —Municipal Electrical Utilities	

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On file

Hydro-Electric Power Commission

Report



Hydro-Electric Power Commission of Ontario

1970 ANNUAL REPORT

SEP 14 1971

ontario hydro





The Hydro-Electric Power Commission of Ontario

Sixty-Third

Annual Report

for the Year

1970

This Report is published pursuant to The Power Commission Act,
Revised Statutes of Ontario, 1960, Chapter 300, Section 10.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

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Chief Engineer

LETTER OF TRANSMITTAL

TORONTO, ONTARIO, APRIL 6, 1971

THE HONOURABLE W. ROSS MACDONALD, P.C., C.D., Q.C., LL.D.

Lieutenant-Governor of Ontario

SIR:

I take pleasure in presenting on behalf of The Hydro-Electric Power Commission of Ontario its 63rd Annual Report, for the year ending December 31, 1970.

An auspicious entry into the new decade in 1970 was marked by the installation of 1.2 million kilowatts of new generating capacity, which enabled us to keep pace with the advancing electric energy needs of our customers. Despite a generally lower level of economic activity, and the incidence of strikes in sections of the automotive industry, primary peak demands exceeded demands for the previous year by 7 per cent. They were, however, slightly below forecast levels because of these economy retarding factors, and the shortfall would have been even more apparent if peak demands had not been supported by heating loads over a period of lower than normal temperatures at the time. Primary energy requirements were greater than in 1969 by more than 8 per cent. This performance in the face of a slow-down in the economy and an upward movement in costs and rates confirms our expectation that demands for electric power will continue to double every ten to twelve years.

There are those who are genuinely, and indeed appropriately, concerned with the effect that such growth may have on the quality of our environment. The electric-power industry, however, is fully confident that it can support an expanding economy, and at the same time make that economy more efficient, and the environment cleaner and healthier. In this regard, electricity has considerable positive value if it is used in increasing measure for heating, air conditioning, and transportation. It can be particularly beneficial if applied for industrial purposes, for the treatment of sewage and the disposal of garbage through the recycling of paper, glass, metal, and other waste products of our society, and also for the purification of the air and water so essential to our health.

One must of course recognize that some pollution is inevitable in the process of generating electricity at thermal-electric stations. The Commission, in common with other major forward-looking utilities, has already invested substantial amounts of money in plant facilities for the rigorous control of this undesirable effect. A prime example is the 700-foot chimney now being constructed at the Richard L. Hearn Generating Station at a cost of approximately \$8.7 million. In modern thermal-electric stations, tall chimneys of this type minimize any harmful effect of gas emissions, combustion takes place under highly efficient controls, and electrostatic precipitators effectively remove more than 99 per cent of the particulate matter resulting from combustion.

With the generous use of electric power, a "goods" society and a good society are not mutually exclusive. We do not have to sacrifice one to achieve the other. We can have a clean environment as well as material prosperity. We simply have to work harder to achieve it. Ontario Hydro's responsibility continues to be to ensure as far as is practicable that the development and growth of this province is not retarded by a lack of electric power.

Primary peak requirements of the Commission's customers in 1970 exceeded requirements in 1969 by 733,300 kilowatts to reach 11.3 million kilowatts. With the 1.2-million-kilowatt increase in capacity during the year, the total generating capacity installed in the Commission's stations and available to meet this peak was 12.5 million kilowatts. Units 3 and 4 at Lambton Generating Station, both of 500,000-kilowatt capacity, were placed in service, bringing this 2,000,000-kilowatt thermal-electric station on the St. Clair River to its full potential. The balance of the annual increase in capacity was contributed by the 203,300-kilowatt hydro-electric Wells Generating Station, on the Mississagi River.

Projects now under construction include a total of 11.7 million kilowatts in conventional and nuclear thermal-electric units at Nanticoke, Pickering, Lennox, and Bruce Generating Stations, as well as 228,000 kilowatts in hydro-electric capacity at Lower Notch Generating Station, on the Montreal River.

The years ahead will bring some formidable problems, both technical and financial. Inflation is a continuing threat to operating and capital expenditures. Although interest rates have subsided from their recent record highs, they are still above levels experienced in periods of economic slow-down in the past. Construction and operating costs are rising under the pressure of continuing increases in wage levels. The general trend to higher operating costs will be even more apparent as we move into heavier capital investment in nuclear-electric generation, and face the problems inherent in the introduction of prototype equipment. With more than half our station capacity now in thermal-electric generation, our fuel bills for coal, oil, and natural gas must inevitably rise in the years ahead.

If our current analysis of cost trends is well founded, a pattern of adjustment in rates over the next few years for all classes of customers is indicated. If inflationary pressures can indeed be brought under control, and if the high cost of capital construction can be curbed, the resulting benefit to the economy will be translated into

stability in the cost of power. There is good reason to point out, however, that rates in Ontario are still well below those for most utilities in the United States, and the unit cost per kilowatt-hour for electric residential service in Ontario today is lower than it was 30 years ago.

Ontario Hydro has a major role in ensuring that the people of this province all share in the benefits of a highly industrial and technologically advanced economy. Over the years it has earned widespread renown for its reliable and efficient service, to which the dedication and hard work of its staff have been major contributing factors.

With the death of Mr. I. F. McRae in early October, the Commission lost a staunch supporter and an able Vice-Chairman. I acknowledge our indebtedness for his wise counsel and diligent service. My thanks are also extended to my fellow Commissioners, our General Manager, Assistant General Managers, and all members of the staff for their continued co-operation and valued contributions. I would also express appreciation for the support and understanding of the Ontario Municipal Electric Association and the Association of Municipal Electrical Utilities in our joint enterprise.

Respectfully submitted,

GEORGE E. GATHERCOLE
Chairman

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Sixty-Third Annual Report

of

The Hydro-Electric Power Commission of Ontario

FOREWORD

The Hydro-Electric Power Commission of Ontario is a corporate entity, a self-sustaining public enterprise endowed with broad powers with respect to electricity supply throughout the Province of Ontario. Its authority is derived from an Act of the Provincial Legislature passed in 1906 to give effect to recommendations of earlier advisory commissions that the water powers of Ontario should be conserved and developed for the benefit of the people of the Province. It now operates under The Power Commission Act (7-Edward VII, c. 19) passed in 1907 as an amplification of the Act of 1906 and subsequently modified from time to time (Revised Statutes of Ontario, 1960, c. 300, as amended). The Commission may have from three to six members, all of whom are appointed by the Lieutenant-Governor in Council. Two Commissioners may be members of the Executive Council of the Province of Ontario.

The Power Supply

The Commission is primarily concerned with the provision of electric power by generation or purchase, and its delivery in bulk either for resale, chiefly by the more than 350 municipal electrical utilities which are co-operatively associated with the enterprise as a whole, or for use by certain direct customers, for the most part industrial. This primary aspect of operations accounts for about ninety per cent of the

Commission's energy sales. The remaining sales are made to retail customers either in rural areas or in certain communities not served by municipal electrical utilities. Apart from this particular operation by the Commission, retail service throughout the province is generally provided by the associated municipal electrical utilities, which are owned and operated by local commissions functioning under the general supervision of The Hydro-Electric Power Commission of Ontario as provided for in The Power Commission Act and The Public Utilities Act. Under this legislation, the Commission, in addition to supplying power, is required to exercise certain regulatory functions with respect to the municipal utilities served.

The East and West Systems, which had been formerly separate operating entities, were fully integrated in 1970, and though the capacity of the interconnection is a limiting factor in the exchange of power, the combined facilities now form a unified provincial network. Administratively, however, the province is still divided into seven regions – Western, Niagara, Central, Georgian Bay, Eastern, Northeastern, and Northwestern – and each of these is administered from an office suitably located in a major city of the region served.

Financial Features

The basic principle governing the financial operations of the Commission and its associated municipal electrical utilities is that service is provided at cost. In the Commission's operations, cost of service includes payment for power purchased, charges for operation, maintenance, and administration, and related fixed charges. The fixed charges include interest, an allowance for depreciation, and a provision for debt retirement. Other substantial items of cost are the charges covering amortization of frequency standardization cost, and a provision to the reserve for stabilization of rates and contingencies. The municipal utilities operating under cost contracts with the Commission are billed throughout the year at interim rates based on estimates of the cost of service. At the end of the year, when the actual cost of service is established, the necessary balancing adjustments are made in their accounts. Retail rates for the municipal utilities are established at levels calculated to produce revenue adequate to meet cost.

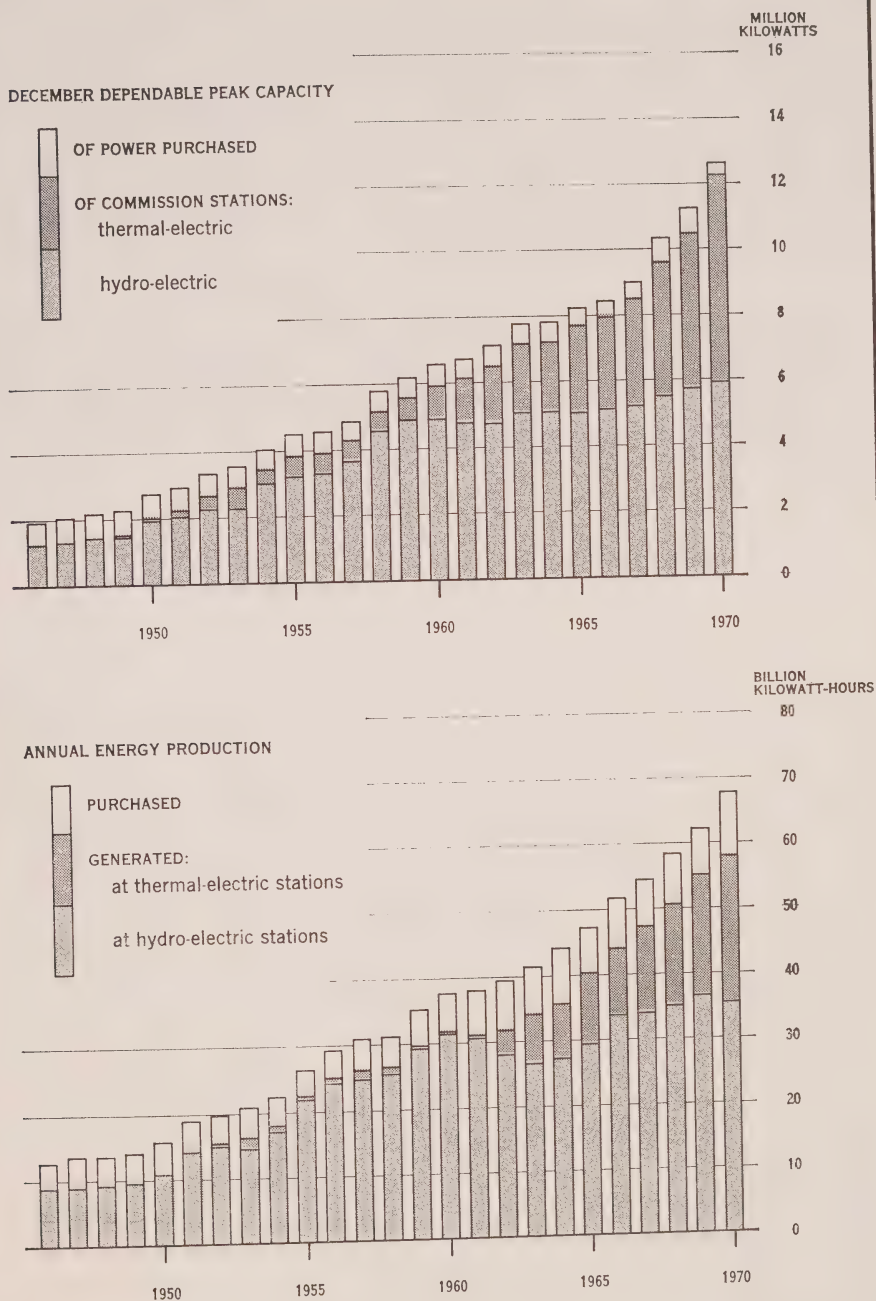
The enterprise from its inception has been self-sustaining. The Province, however, guarantees the payment of principal and interest on all bonds and notes issued by the Commission and held by the public. In addition, the Province has materially assisted the development of agriculture under The Rural Hydro-Electric Distribution Act by contributing toward the capital cost of extending rural distribution facilities.

Annual Summary

A total of 1,200,000 kilowatts of additional capacity was installed during 1970, two 500,000-kilowatt, thermal-electric units being placed in service at Lambton Generating Station, near Sarnia, and two 100,000-kilowatt, hydro-electric units at Wells Generating Station, on the Mississagi River. Work proceeded on the construction of Pickering Generating Station, near Toronto, where the first of four 540,000-kilowatt, nuclear-electric units is scheduled for initial service in 1971, and at Lower

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TOTAL POWER RESOURCES AND ENERGY PRODUCTION



Notch Generating Station, on the Montreal River, where two 114,000-kilowatt, hydro-electric units will be placed in service also in 1971. Construction continued at the sites of Bruce, Nanticoke, and Lennox Generating Stations.

In its pursuit of solutions to operating problems which may adversely affect the total environment, the Commission has given considerable effective support to investigations for the control of sulphur dioxide emission from thermal-electric stations, and has initiated a number of studies related to environmental control and improvement, whether of air, water, or general environment amenities. A decision of major importance was the plan to convert four of the coal-fired furnaces at Richard L. Hearn Generating Station to the use of gas and four to the use of coal or gas or of both in combination. Excellent progress was made on the construction of the 700-foot chimney, which will eliminate the concentration of flue gases in any harmful quantity.

GUIDE TO THE REPORT

The main body of the text in this Report is similar to that already published in illustrated form in *Ontario Hydro 1970*. The sections into which the text is here divided are supplemented by three statistical appendices, and statistics which were necessarily preliminary in *Ontario Hydro 1970* are either revised or confirmed in this Report.

STATISTICS

	1970
Dependable peak capacity, December.....	thousand kw 6,7
Primary power requirements, December.....	thousand kw 5,9
Annual energy generated and purchased.....	million kwh 38,2
Primary.....	million kwh 33,8
Secondary.....	million kwh 4,3
Annual energy sold by the Commission.....	million kwh 34,8
Annual revenue of the Commission (net after refunds).....	million 1 2
Fixed assets at cost.....	million \$ 2,4
Gross expenditure on fixed assets in year.....	million \$ 1
Total assets, less accumulated depreciation.....	million \$ 2,7
Long-term liabilities and notes payable.....	million \$ 1,9
Transmission line.....	circuit miles 17,9
Primary rural distribution line.....	circuit miles 48,0
Average number of employees in year.....	15,0
Number of associated municipal electrical utilities.....	35
Ultimate customers served by the Commission and municipal utilities.....	thousands 1,93

The Operations Section deals with the generation, purchase, and delivery of power, as well as other aspects of system operation such as weather conditions, maintenance, forestry, and the purchase of equipment and material. Supplementary tables are in Appendix I. Section II – Finance includes the Operating Statement, the Balance Sheet, and other statements of primary or special financial interest, while its related Appendix II presents supporting schedules and accounts, including the statements listing municipal equities accumulated through debt retirement charges, and the statement showing the allocation of the cost of primary power to the municipalities. Marketing and services to customers are the subjects of Section III, which is supplemented in Appendix III by statistical information on rural electrical service. Engineering and construction of facilities for the generation, transmission, and delivery of power are dealt with in Section IV, and a brief summary is given in Section V on the progress of some of the tests and investigations being carried out by the Commission's Research Division. Section VI deals with items of employee relations, training, and staff administration.

A large part of the Report is devoted to aspects of retail service to ultimate customers, especially that provided by the municipal electrical utilities. The commentary on these activities and the statistical tables applicable to them are brought together in a supplement to the Report entitled Municipal Electrical Service, beginning on page 85.

SUMMARY 1961-70

1962	1963	1964	1965	1966	1967	1968	1969	1970
1,088	7,756	7,776	8,199	8,464	8,995	10,338	11,242	12,670
1,293	6,797	7,210	7,818	8,565	8,964	9,994	10,555	11,289
1,885	41,471	44,399	47,528	51,753	54,615	58,693	62,449	68,074
1,5783	37,644	40,632	43,584	48,056	51,357	55,789	59,426	64,289
1,102	3,827	3,767	3,944	3,697	3,258	2,904	3,023	3,785
1,684	38,466	41,115	44,213	47,944	50,725	54,816	58,413	63,815
1,249	270	289	311	336	367	415	469	534
1,2567	2,665	2,762	2,894	3,125	3,361	3,669	4,098	4,588
1,114	108	110	150	211	252	329	447	511
1,2702	2,753	2,824	2,987	3,190	3,443	3,749	4,129	4,613
1,938	1,959	1,999	2,106	2,237	2,400	2,618	2,906	3,276
1,8120	18,642	18,826	19,050	19,342	19,492	19,908	20,037	21,208
1,8562	48,993	49,173	49,435	49,863	50,316	50,534	51,320	51,777
1,4920	14,387	14,531	14,996	15,361	16,651	19,550	21,686	22,584
1,355	355	357	360	358	355	354	354	353
1,991	2,042	2,096	2,142	2,188	2,246	2,292	2,344	2,389

SECTION I

OPERATION OF THE SYSTEMS

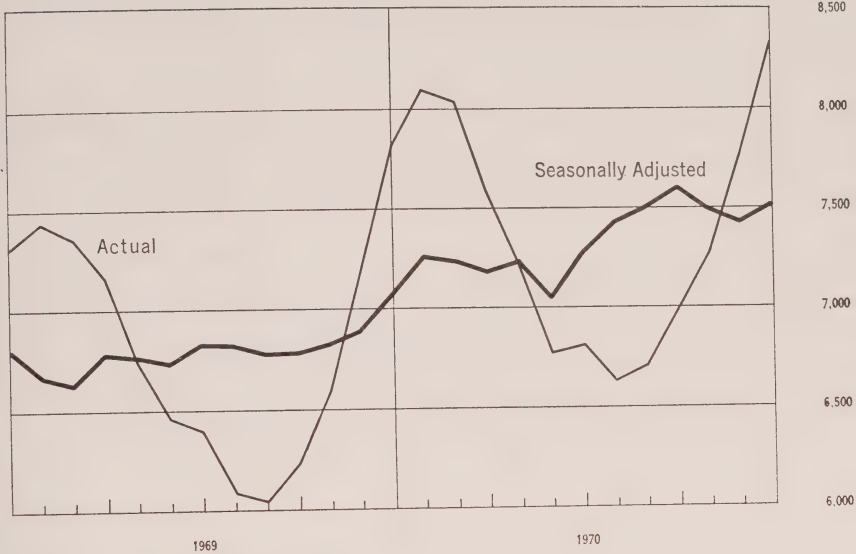
Primary power requirements on the Commission's province-wide network reached an annual peak on December 22, when in conjunction with generally below-normal temperatures and overcast skies they rose to 11,289 megawatts. This was 6.9 per cent greater than 1969 requirements. Primary energy requirements rose by 8.2 per cent to 64,289 million kilowatt-hours. The margin of growth in the East System was abnormally high, the moderating effect of a strike in the automobile industry in 1970 being more than matched by the effects in 1969 of strikes in the mining industry.

The dependable peak capacity of the Commission's resources was increased during 1970 to 12,670 megawatts, largely represented by two thermal-electric units added at Lambton Generating Station and two hydro-electric units brought into service at Wells Generating Station on the Mississagi River. A downward revision in the capacity of purchased-power resources followed the termination of long-term contracts with the Gatineau Power Company and the Maclaren Quebec Power Company.

Total energy production for the year amounted to 68,074 million kilowatt-hours, 35,714 million being generated at hydro-electric stations, 22,128 million at conventional thermal-electric stations, and 9,821 million being purchased. The remainder

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

PRIMARY ENERGY DEMAND

AVERAGE
MEGAWATTS

ENERGY DEMAND SEASONALLY ADJUSTED

By the application of appropriate statistical factors to the raw data on energy use month by month, it is possible to eliminate the regularly recurring seasonal pattern of load fluctuation so that the prevailing direction of periodic change, and the effect of significant but other than seasonal variables are more clearly apparent.

The more than usually erratic movement in the seasonally adjusted energy demands is evidence of the uncertain economic climate during 1970, first through a five-month period of no underlying growth, followed by four months of accelerated expansion, and a later falling off in growth attributable largely to the effect of a strike in the automotive industry.

was produced by diesel and combustion-turbine units, and at the Nuclear Power Demonstration Station.

Stream flows in general were good in 1970. Of the four major rivers that serve as a measure of year-to-year conditions, the St. Lawrence, Niagara, and Ottawa Rivers had annual mean flows in excess of their ten-year moving averages by 12, 11, and 7 per cent respectively, but the Abitibi River fell short of this moving average by 18 per cent.

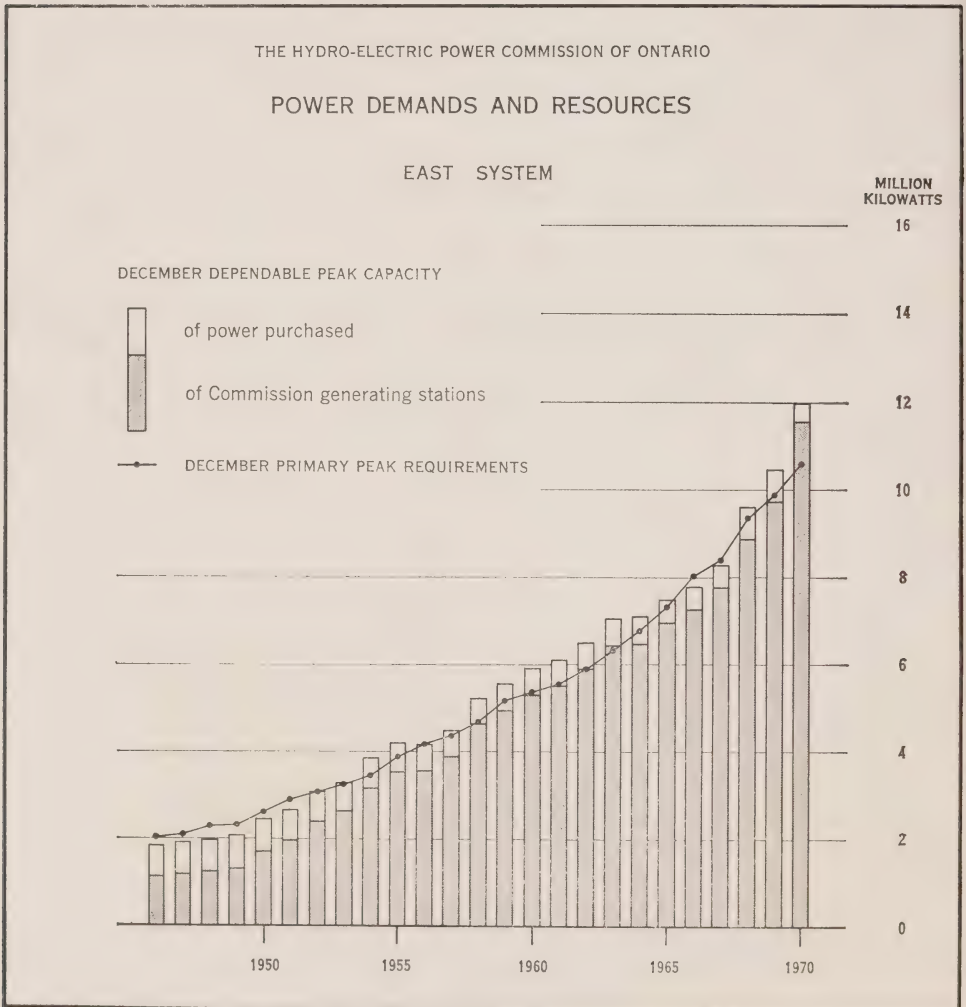
On July 22, integration of the East and West Systems was completed, and parallel operation of the systems was inaugurated through facilities of the Great Lakes Power Corporation. The Company had previously effected transfers of power between the systems, but only by isolating part of its own power generation to supply the West System. On August 24, when the final 230-kv section of transmission line was placed in service between Mississagi and Wawa Transformer Stations, interconnection entirely over Commission-owned facilities was established.

On two occasions in late August, extremely high winds resulted in extensive damage to extra-high-voltage and other transmission lines in the vicinity of Sudbury and Orangeville. Sustained outages of six days and five days respectively were required for permanent repairs.

Thermal-Electric Operations

Under present conditions of stress, special mutually advantageous arrangements have been made with the Michigan Power Pool and the Niagara Mohawk Power Corporation for the delivery and subsequent return of capacity and supplemental power as required by the diverse demands of the respective networks.

In the preparatory staffing of the Bruce Heavy Water Plant, training was given at heavy-water plants in Port Hawkesbury and Point Tupper, Nova Scotia, and at

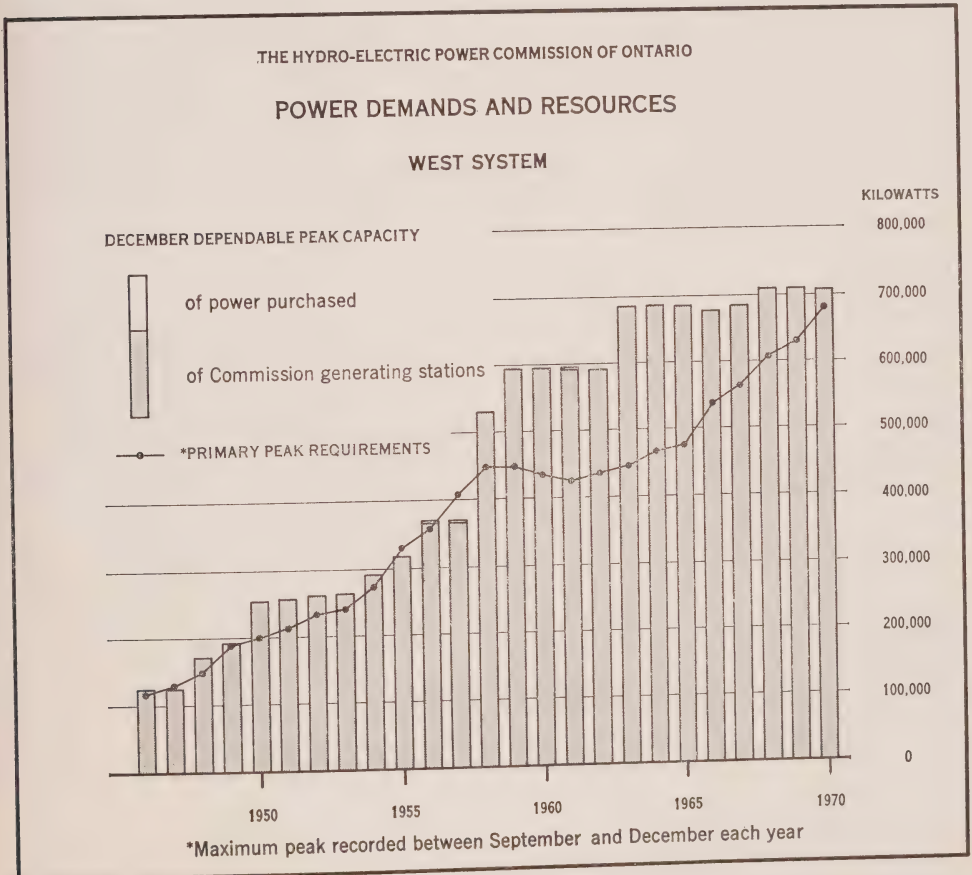


Savannah River, in Georgia. At the Nuclear Training Centre in Rolphton, where more general nuclear training is provided, there was an average attendance of just over 100 throughout the year. A team of qualified and experienced staff, to be supplemented by an additional group in mid 1971, has taken up residence at the Rajasthan nuclear project in India for the purpose of overseeing the commissioning of the station, where the first unit is scheduled to go critical in October 1971.

Maintenance

Work is now being carried out for the rehabilitation and modernization of several of the Commission's hydro-electric generating stations with a view to increasing automated operation.

As a result of a study carried out in 1970, the decision was made to relocate the residents of the Cameron Falls Colony to the Town of Nipigon, some 14 miles away. All residents have elected to purchase houses moved from the generating station site to lots of their selection in Nipigon. When this operation is complete, sometime in 1972, the remaining buildings on the site will be offered for public sale and removal.



A number of generating, transformer, and distributing stations were landscaped as part of a general program of improving the visual amenity of these properties. Careful consideration is also being given to environmental factors affecting the location and landscaping of transmission line rights of way and their use for multiple public purposes. The necessary control of undesirable woody growth in these areas is being maintained, but always with due concern for the ecological effect. In this regard, the Commission is co-operating with the University of Guelph and the Ontario Water Resources Commission in a scientific analysis of the effect of herbicides on the environment. In addition, Commission experiments are being conducted on growth-regulating chemicals other than herbicides which will restrain the growth of woody plants without killing them. The Commission is also experimenting with the use of smother crops as a biological means of stemming the invasion of woody growth on rights of way.

The new "smokeless" combustion chambers installed in 1969 on the combustion turbines at A. W. Manby Transformer Station have proved effective in air-pollution control. Work is now proceeding for the extension of their use at other locations in 1970.

The Commission's fleet of 12 helicopters was used extensively during the year in the patrol inspection of 143,000 circuit miles of transmission line. In addition, the helicopters flew 3,200 hours on maintenance and construction projects. In a controlled experimental test on 65 miles of 230-kv line, a pilot and a crew of two in a Jet Ranger helicopter equipped with a thermo-vision camera and monitoring unit to detect faulty conductor joints demonstrated that they could accomplish as much in two days as a ground crew of two using a bolometer could accomplish in 11 days. The operation obviously offers the possibility of considerable savings.

Communications

In order to deal with the growing complexity of system operation and inter-system reciprocal arrangements, a comprehensive data-acquisition network is being designed, with the associated computer equipment to be installed at the Richview System Control Centre. Until this equipment is available, a smaller-scale installation connected with the present telemetering equipment is being commissioned to supply some of the necessary monitoring and control services.

The microwave network of nearly 60 stations was almost fully operational by the end of the year to provide monitoring service for relaying and system-control facilities for a major part of the power system in southern Ontario as well as the tie-lines to the northeast and northwest. The alarm centre at Richview Transformer Station was likewise almost completely in service.

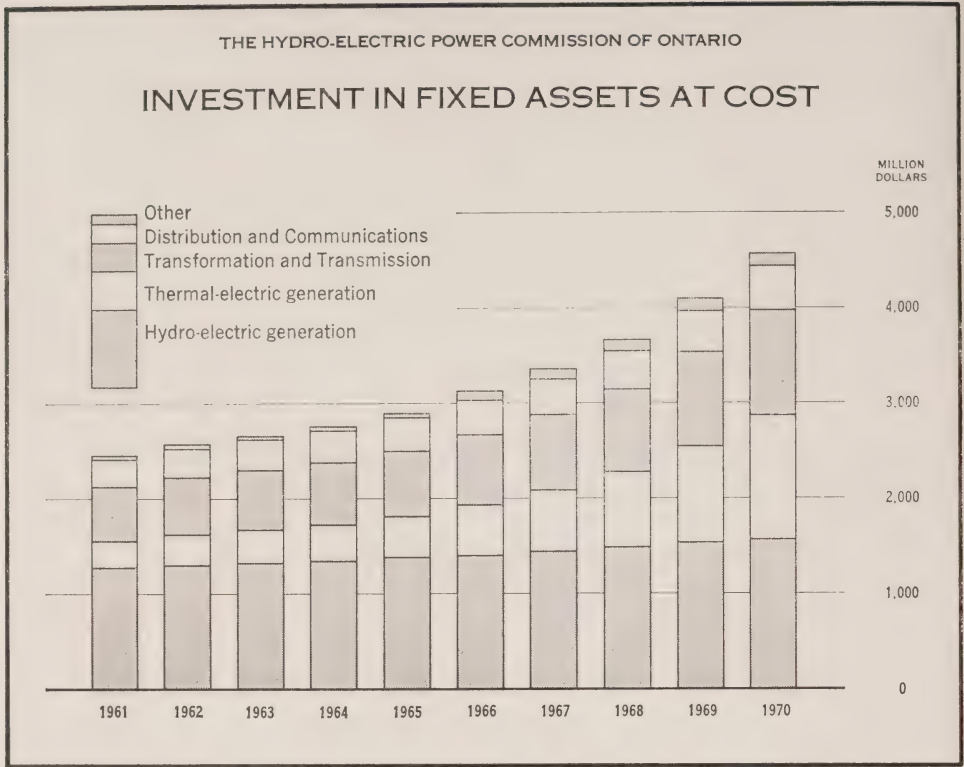
SECTION II

FINANCE

Revenues in 1970 were 14.0 per cent greater than in 1969, rising by \$65.5 million to \$534.4 million. A combination of increases in rates and increases in demands for power and energy accounted for the additional revenue from municipalities and direct customers in 1970, while the larger revenue from retail customers resulted primarily from growth in demands. The increases in revenue were \$41.1 million or 14.4 per cent from municipalities, \$10.5 million or 9.6 per cent from retail customers, and \$13.9 million or 19.0 per cent from direct customers.

Costs, before provision for the stabilization of rates and contingencies reserve, rose from \$433.3 million in 1969 to \$516.5 million in 1970. Operating, maintenance, and administrative expenses increased by \$20.7 million. The cost of fuel used in the generation of electric power exceeded the corresponding cost in 1969 by \$18.3 million, reflecting not only increases in the price of fuel, but also the increasing dependence on thermal-electric generating facilities to meet the growth in customer requirements. Because of the increase in borrowings in total and the effect of high interest rates, interest expense rose by \$27.8 million. With the continued growth of fixed assets in service, the provision for depreciation was \$6.9 million higher than in 1969. Revenue from sales of secondary energy, which is applied as a reduction of costs, was \$12.5 million greater than in 1969, mainly as a result of an increase in the export of power to the United States.

Expenditures on fixed assets during the year amounted to \$511.0 million, including \$281.7 million on thermal-electric generating facilities, \$36.5 million on hydro-electric



generating facilities, \$133.8 million on transformer stations and transmission lines, and \$30.4 million on retail distribution facilities.

Expenditures on thermal-electric generating facilities include \$111.9 million on Pickering nuclear generating station, which is only the Commission's share of the total at this station, \$104.4 million on Nanticoke GS, \$27.7 million on Bruce GS, and \$24.3 million on Lambton GS. The major outlays on hydro-electric generating facilities were \$22.1 million on Lower Notch GS, and \$7.8 million on Wells GS.

The Commission's debt from borrowings amounted to \$3,276.2 million at December 31, 1970, as compared with \$2,905.7 million at December 31, 1969. The net increase of \$370.5 million during the year represents \$364.8 million in bonds and advances and \$5.7 million in notes. During 1970 the Commission issued bonds amounting to \$310.0 million in Canadian currency, and \$175.0 million in US currency.

The balance in the reserve for stabilization of rates and contingencies amounted to \$247.8 million at the end of 1970, up \$22.2 million from the balance at the end of 1969. The reserve is used to stabilize the effects on cost brought about by variations in stream flows, loads varying from the levels forecast, major physical damage to plant and equipment or their premature retirement, fluctuations in exchange on debt payable in foreign currencies, and other contingencies.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENT OF OPERATIONS

for the Year Ended December 31, 1970

(with comparative figures for 1969)

	1970	1969
	\$	\$
REVENUES		
from Municipalities.....	326,753,133	285,679,654
from Retail Customers.....	120,531,494	109,991,769
from Direct Customers.....	87,141,611	73,258,580
	<u>534,426,238</u>	<u>468,930,003</u>
COSTS		
Operating, maintenance, and administrative expenses.....	170,085,765	149,401,861
Fuel used for electric generation.....	84,001,372	65,688,041
Power purchased (Note 1).....	32,407,156	15,164,773
Interest (Note 2).....	117,835,289	90,032,490
Depreciation (Note 3).....	65,290,250	58,423,877
Debt retirement charge.....	47,639,889	43,128,530
Amortization of frequency standardization cost.....	18,729,312	18,472,331
Sales of secondary energy (Note 1).....	<u>19,503,135</u>	<u>7,046,219</u>
Total before reserve provision (<i>withdrawal</i>).....	516,485,898	433,265,684
Provision and interest - reserve for stabilization of rates and contingencies.....	21,387,877	36,009,144
Withdrawal from the reserve for stabilization of rates and contingencies, retail and direct customers, to offset the net deficit on sales to these customers.....	<u>3,447,537</u>	<u>344,825</u>
	<u>534,426,238</u>	<u>468,930,003</u>

See accompanying notes on page 19.

THE HYDRO-ELECTRIC POWER

BALANCE SHEET AS AT

(with comparative

ASSETS

1970

1969

\$

\$

FIXED ASSETS

Plant in service, at cost.....	3,898,965,326	3,500,295,855
Less accumulated depreciation.....	701,250,612	643,367,420
	<u>3,197,714,714</u>	<u>2,856,928,435</u>
Plant under construction, at cost (Note 4).....	689,217,610	598,055,337
	<u>3,886,932,324</u>	<u>3,454,983,772</u>

INVESTMENTS (Note 5)

Investments held for		
Reserve for stabilization of rates and contingencies.....	207,263,633	177,831,787
Debt retirement fund.....	50,138,674	48,573,528
Employer's liability insurance fund.....	4,170,973	4,165,294
	<u>261,573,280</u>	<u>230,570,609</u>

CURRENT ASSETS

Cash and short-term investments (Note 6).....	151,450,186	159,670,700
Accounts receivable.....	94,024,400	83,853,865
Fuel for electric generation, at cost (Note 7).....	69,174,525	46,323,335
Materials and supplies, at cost.....	27,788,791	20,128,116
	<u>342,437,902</u>	<u>309,976,016</u>

DEFERRED CHARGES AND OTHER ASSETS

Frequency standardization cost, less amounts written off.....	66,812,780	82,632,731
Discount and expense on bonds and notes payable, less amounts written off.....	34,613,013	31,952,470
Long-term accounts receivable.....	9,157,729	8,193,955
Other assets.....	11,081,457	10,334,244
	<u>121,664,979</u>	<u>133,113,400</u>
	<u>4,612,608,485</u>	<u>4,128,643,797</u>

AUDITORS' REPORT

We have examined the balance sheet of The Hydro-Electric Power Commission of Ontario as at December 31, 1970 and the statements of operations and source and application of funds for the year then ended. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion, these financial statements present fairly the financial position of the Commission as at December 31, 1970 and the results of its operations and the source and application of its funds for the year then ended.

Toronto, Canada,
April 2, 1971

CLARKSON, GORDON & CO.
Chartered Accountants.

COMMISSION OF ONTARIO

DECEMBER 31, 1970

figures for 1969)

DEBT, EQUITY, AND LIABILITIES

	1970	1969
	\$	\$
DEBT FROM BORROWINGS		
Bonds payable (Note 8)	3,054,789,546	1,822,364,100
· In Canadian currency.....	2,014,804,900	826,124,530
· In United States currency (\$955,849,000 U.S.) (Note 10).....	999,553,691	40,401,005
· In West German currency (DM 150,000,000) (Note 10).....	40,401,005	215,000,000
Notes payable (Note 9).....	220,750,000	1,807,463
Advances from the Province of Ontario.....	701,052	
	<u>3,276,210,648</u>	<u>2,905,697,098</u>
EQUITY		
Equities accumulated through debt retirement charges.....	766,188,922	718,699,033
Reserve for stabilization of rates and contingencies.....	247,828,563	225,629,056
Contributions from the Province of Ontario as assistance for rural construction (Note 12).....	124,796,162	122,684,500
	<u>1,138,813,647</u>	<u>1,067,012,589</u>
CURRENT LIABILITIES		
Accounts payable and accrued charges.....	127,306,040	96,818,199
Accrued interest.....	60,259,626	50,063,510
	<u>187,565,666</u>	<u>146,881,709</u>
DEFERRED LIABILITIES		
Customers' deposits.....	3,115,890	3,162,066
Employer's liability insurance fund.....	6,902,634	5,890,335
	<u>10,018,524</u>	<u>9,052,401</u>
	<u>4,612,608,485</u>	<u>4,128,643,797</u>

See accompanying notes on page 19.

THE HYDRO-ELECTRIC POWER
RESERVE FOR STABILIZATION
for the Year Ended

	HELD FOR THE BENEFIT OF ALL CUSTOMERS
	\$
Balances at December 31, 1969.....	220,128,578
Add:	
Interest for the year at rates approximating those earned on investments held for the reserve.....	13,358,557
Provision charged to operations.....	7,700,513
Net profit on redemption of bonds payable, sale of investments, and currency revaluations.....	4,323,127
	245,510,775
Deduct:	
Withdrawal to offset net deficit on sales to retail and direct customers.....	.....
Grant to Ontario Municipal Electric Association.....	.....

Balances at December 31, 1970.....	245,510,775

EQUITIES ACCUMULATED THROUGH
DEBT RETIREMENT CHARGES
for the Year Ended December 31, 1970

	MUNICIPALITIES	POWER DISTRICT	TOTAL
	\$	\$	\$
Balances at December 31, 1969.....	512,031,483	206,667,550	718,699,033
Add:			
Debt retirement charged to operations.....	30,522,270	17,117,619	47,639,889
Equities transferred through annexations.....	508,883	508,883	.....
Equity refunded (Note 11).....	.....	150,000	150,000
Balances at December 31, 1970.....	543,062,636	223,126,286	766,188,922

COMMISSION OF ONTARIO

F RATES AND CONTINGENCIES

December 31, 1970

HELD FOR THE BENEFIT OF (OR RECOVERABLE FROM) CERTAIN GROUPS OF CUSTOMERS				TOTAL
Municipalities	Power District			
	All Direct Customers	Direct Customers Former Northern Ontario Properties	Retail Customers	
\$ 1,144,165	\$ 5,459,446	\$ 7,424,726	\$ 2,391,033	\$ 225,629,056
63,960	331,913	451,394	145,366	21,387,877
.....	.....	.....	.....	4,323,127
1,208,125	5,791,359	7,876,120	2,536,399	251,340,060
..... 63,960	189,275 .....	..... .....	3,636,812	3,447,537 63,960
63,960	189,275	.....	3,636,812	3,511,497
1,144,165	5,602,084	7,876,120	1,100,413	247,828,563

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENT OF SOURCE AND APPLICATION OF FUNDS

for the Year Ended December 31, 1970

(with comparative figures for 1969)

	1970	1969
	\$	\$
SOURCE OF FUNDS		
Operations		
Depreciation charged		
Directly to operations.....	65,290,250	58,423,877
Indirectly to operations and plant under construction.....	9,630,029	8,778,935
Debt retirement charge.....	47,639,889	43,128,530
Frequency standardization amortization of cost, less interest on the account.....	15,819,951	14,922,788
Provision and interest - reserve for stabilization of rates and contingencies.....	21,387,877	36,009,144
Amortization of discount on bonds and notes payable.....	7,388,842	6,390,309
Net deficit on sales to retail and direct customers.....	3,447,537	344,825
Other items - net.....	726,055	404,881
	<u>164,435,356</u>	<u>166,903,877</u>
Proceeds from issues of bonds and notes, less retirements.....	366,307,661	280,068,369
Net increase in amounts held in cash and investments.....	25,692,261	6,067,824
	<u>340,615,400</u>	<u>274,000,545</u>
Increases in accounts and interest payable.....	41,347,637	6,045,901
Other items - net.....	154,950	227,980
	<u>546,553,343</u>	<u>446,722,343</u>
APPLICATION OF FUNDS		
Expenditures on fixed assets, less proceeds from sales, etc.....	504,907,169	440,694,021
Increases in accounts receivable.....	11,134,309	4,436,992
Increases in fuel, materials, and supplies.....	30,511,865	1,591,330
	<u>546,553,343</u>	<u>446,722,343</u>

NOTES TO FINANCIAL STATEMENTS

1. Power purchased and sales of secondary energy include amounts arising from interconnection arrangements for the exchange of power with other power production authorities.
2. Interest cost of \$117,835,289 in 1970 is the interest on bonds, notes and advances \$188,646,062, less the following: interest earned on investments \$28,223,566, interest capitalized \$34,299,665, interest on unamortized frequency standardization cost \$2,909,361 and miscellaneous interest \$5,378,181.
3. Depreciation, other than for office and service equipment, is calculated on the sinking fund basis; various methods are applied in determining the depreciation provision for office and service equipment.
4. Plant under construction with reference to Pickering nuclear generating station units 1 and 2 includes only the Commission's portion of the cost. The construction of units 1 and 2 of Pickering nuclear generating station is a joint undertaking, with about 40% of the cost being financed by the Commission, 33% by Atomic Energy of Canada Limited, and 27% by the Province of Ontario, ownership being vested in the Commission. Contributions by Atomic Energy of Canada Limited and the Province of Ontario to December 31, 1970 amounting to \$165,588,255 have been deducted in arriving at the cost of plant under construction. These contributions will be repayable only if, as, and when this plant has operational savings in comparison with the Commission's coal-fired plant at Lambton as stipulated in the agreement between the parties.
5. On December 31, 1970, investments, which are included at amortized cost, consisted of government and government-guaranteed bonds, \$260,578,343 and corporate bonds \$994,937. At this date, the market value of these investments was \$250,406,000.
6. On December 31, 1970, cash and short-term investments amounted to \$151,450,186, consisting of \$7,151,031 cash and \$144,299,155 short-term investments. The short-term investments, which are included at amortized cost (approximately market value), consisted of interest-bearing deposits with banks and trust companies \$82,796,500, government and government-guaranteed bonds \$21,605,119, corporate obligations \$31,287,000, and chartered bank notes \$8,610,536.
7. On December 31, 1970, inventory of fuel for electric generation amounted to \$69,174,525, consisting of \$62,375,998 coal, \$6,330,035 nuclear fuel and \$468,492 fuel oil. In 1969, \$5,162,839 nuclear fuel and \$450,382 fuel oil were included with materials and supplies; the 1969 inventory amounts have been restated on a basis consistent with 1970.
8. Bonds maturing in the next five years expressed in Canadian currency are as follows:

	\$
1971.....	98,918,439
1972.....	66,116,302
1973.....	65,274,500
1974.....	111,232,000
1975.....	81,077,920
	<u>422,619,161</u>
9. Notes payable include \$200,750,000 maturing in 1971 and \$20,000,000 maturing in 1972.
10. The liability for bonds payable in foreign currencies is translated to Canadian currency at the rates of exchange at time of conversion. When bond issues mature, exchange losses or gains are recorded in the reserve for stabilization of rates and contingencies. Translated at the rates of exchange which prevailed at December 31, 1970, the total liability for bonds payable in foreign currencies would be decreased by \$34,100,000.
11. The equity refunded of \$150,000 represents an amount refunded to a municipality as a result of an annexation of Commission retail distribution facilities. The equity refunded is in respect of that portion of the Commission's debt that effectively has been assumed by the municipality.
12. The Province of Ontario contributed \$2,111,662 during 1970 as assistance for rural construction.

SECTION III

MARKETING AND THE COMMISSION'S CUSTOMERS

The total number of customers served by the Commission and the associated municipal electrical utilities was 2,388,561 at the end of 1970, as shown in the following table:

ULTIMATE CUSTOMERS SERVED

Retail customers served by 353 municipal utilities		1,766,086
Retail customers served by the Commission		
In 15 communities where the Commission owns and operates the distribution facilities	28,327	
In rural areas	594,052	622,379
		<hr/>
Total retail customers		2,388,465
Direct customers (including 9 interconnected systems)		96
		<hr/>
Total		2,388,561
		<hr/>

Marketing Program

In continuing its moderate but generally promotional marketing policy, Ontario Hydro recognizes the basic importance of making the most efficient and economic use of facilities already in service to meet the forecast requirements of its customers. The construction program now in progress in anticipation of these requirements in the years ahead is only a reflection of economic growth that is normal in an economy rapidly and dynamically developing toward maturity. The power utility's service role in this situation calls for continuous adaptation both in its use of a changing technology and in its response to that technology.

Wherever there is an improvement possible in water-heating and electric space-heating equipment, this is being vigorously pursued. An important project is the development of an electric-heating system that is conveniently adaptable to many buildings now being constructed by the popular modular pre-cast method. One of these is now being installed on a test basis. As a prime example of the adaptability of electricity for more general commercial applications, the 784-foot Commerce Court now under construction in Toronto will have environmental control throughout its 57 storeys. This type of all-electric treatment in many major commercial projects – schools, shopping plazas, apartments, offices, and municipal buildings – is permitting greater freedom in design and providing higher personal comfort levels together with worthwhile savings in installation and operation.

There was a further extension of the Co-operative Marketing Program for Electric Commissions during 1970 in the formation of a COMPEC group in Lambton County. In conjunction with Ontario Hydro, the four such organizations now operating in the province offer a suitably uniform approach to marketing activity in the areas they serve.

With the rise in the use of mobile homes, as distinguished from small travel trailers, special consideration was given to the development of electrical safety requirements for service to this type of dwelling, which is often located as part of a well-planned residential sub-division. These requirements have now been published as approved by the Canadian Standards Association, effective January 1, 1971, and the Commission's policy will be to supply these residences largely under the same conditions as fixed dwellings.

A number of interesting major installations have been made for the introduction of electrified processing in industry, and investigations are being made regarding the use of electricity in thawing logs preparatory to the removal of bark, in the kiln drying of lumber, in ink drying for the printing industry, and in research for several mining operations.

In rural sales of electrical service, there was less activity in poultry farming largely because of uncertainties in the market arising from the activity of Provincial Marketing Boards. Sales in the hog-raising market, however, showed encouraging increases.

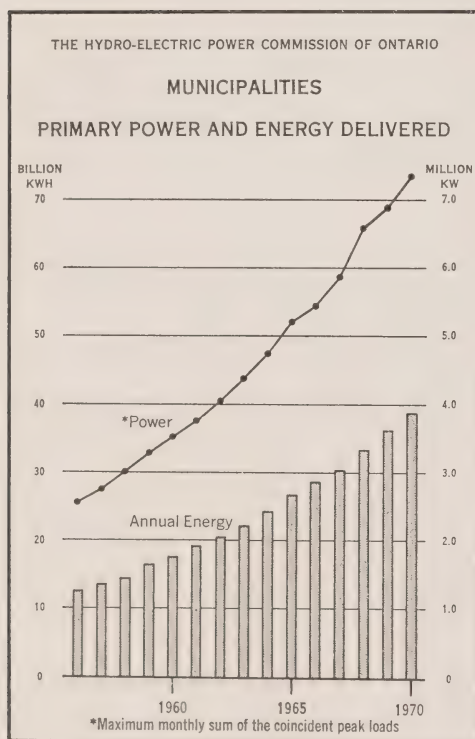
The Commission's farm customers on the average used 1,025 kilowatt-hours per month as compared with 972 kilowatt-hours in 1969.

Rate Increase

Studies in mid 1970 of future trends in cost indicated an accelerating deterioration in the relation of revenue to cost, even allowing for projected increases in power and energy sales over the next few years. The increases in operating costs stem in large part from the rapid growth in the proportion of thermal-electric generation on the system, recent sharp upward movement in the cost of coal and other fuels, the requirement for greatly enlarged expenditure on environmental control, and the continuing effect of inflation on the cost of labour and materials. Rising overhead charges have their origin in substantially higher interest rates and the necessity to expand reserve capacity on the system because of the much larger generating units now being installed.

In order to improve the financial outlook, rates were raised, effective January 1, 1971, for all three classes of customers. The expected result is a 7 per cent increase in revenue from municipalities, an increase of 8 per cent from direct customers, and an increase of 9 per cent from retail customers. For rural-service customers, the present increase was only the second in the last seventeen years.

MUNICIPALITIES



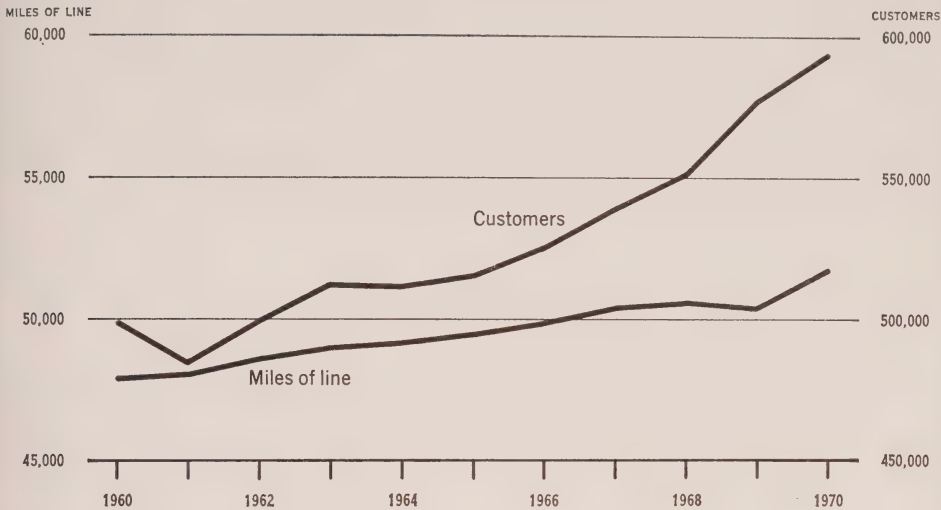
With the amalgamation of Port Arthur and Fort William in the municipality of Thunder Bay, the total number of municipal electrical utilities was reduced to 353, and the sum of their December peak loads in 1970 was 7,344,684 kilowatts. This was greater than the sum of the December 1969 peak loads by 6.7 per cent. With 12 exceptions, indicated by the use of bold-face figures, the various municipal electrical utility components of this total are given in Statement C, together with the peak loads of the 15 municipal systems operated by the Commission, which are indicated by the symbol (†). The peak loads shown in bold-face figures include not only the power supplied by Ontario Hydro but also power generated by the operation of municipally owned generating stations or purchased from suppliers other than the Commission.

The energy delivered to the municipal electrical utilities amounted in total to 38,848 million kilowatt-hours as shown in the table in Appendix I. This exceeded the 36,127 million kilowatt-hours delivered in 1969 by 7.5 per cent.

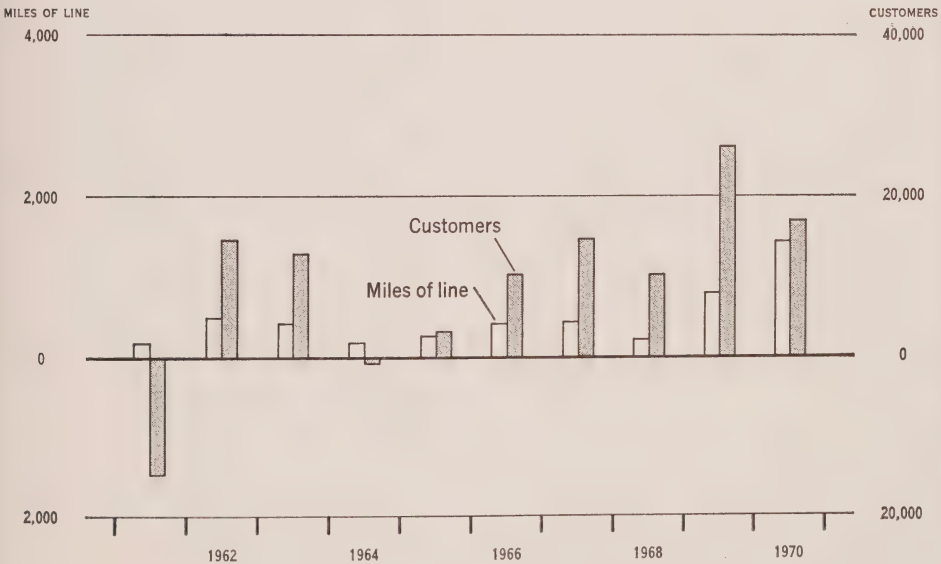
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

MILES OF PRIMARY LINE
AND NUMBER OF CUSTOMERS

TOTAL

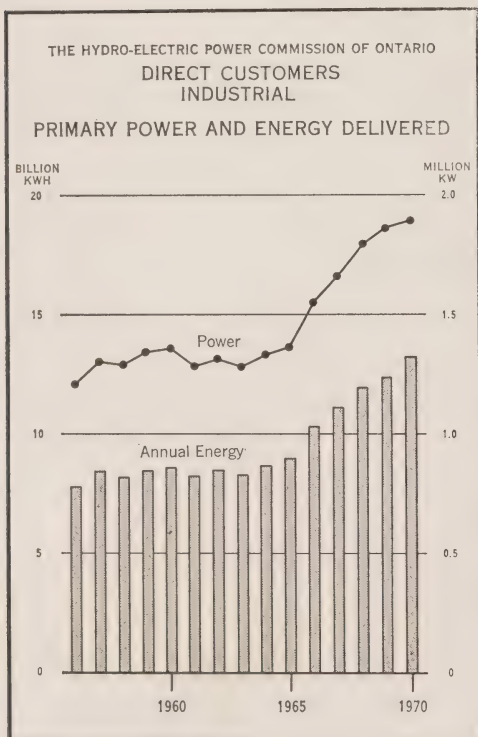


ANNUAL INCREASE



The cost of power supply to a municipal electrical utility is billed on an interim basis each month through a combination of two components, a demand charge and an energy charge, the latter at present being uniformly 2.75 mills per kilowatt-hour to all utilities. The demand component is calculated by ascertaining the maximum average load registered by the utility over any period of twenty consecutive minutes in the month, and applying to this maximum an interim rate per kilowatt established for that utility prior to the beginning of the year. The maximum for the month of December is given for each utility in the Statement on Customers, Revenues, and Consumption, since this is the month in which the system annual peak normally occurs. On the other hand, the averages of the twelve monthly peaks are given in the Statement of the Allocation of the Cost of Primary Power, since these averages provide the basis for some of the allocation. When the actual cost of supplying power and energy has been established through this allocation at the end of the year, the necessary debit or credit billing adjustments are made to reconcile interim billings with cost.

DIRECT CUSTOMERS



During 1970, as in the previous year, the Commission was serving 96 direct customers, 87 being industrial customers and 9 interconnected systems. One of the industrial customers and seven of the interconnected systems were provided only with secondary energy during the year. The allocation of energy, whether primary or secondary, to these direct customers is shown in the tables on the disposal of energy and the analysis of energy sales in Appendix I. A number of former direct service customers, having loads for the most part of less than 5,000 kilowatts, have been included for the past four years in the analysis of energy sales table under the designation "Retail Customers Special." In the table for this Report these customers, including two interconnected systems, have not been segregated from other retail customers of the Commission.

The monthly sum of the primary peak loads of the direct industrial customers, excluding interconnected systems, reached its annual maximum in June 1970 at 1,931,725 kilowatts, which is 3.4 per cent greater than the corresponding revised annual maximum of 1,868,292 kilowatts in December 1969.

SECTION IV

PLANNING, ENGINEERING, AND CONSTRUCTION

The constant pressure of what is fundamentally a growth economy must continue to be a basic factor in the Commission's plans for the future. In its responsibility to supply the electric power requirements of the province, it is already committed to a construction program for the expansion of its resources some seven to ten years in advance of loads which are expected to increase at a compound rate of nearly 7 per cent per annum. Its forward plans must extend even farther into the future.

The engineering problems involved range all the way from the selection and the geotechnical evaluation of possible station sites, through the analysis of the several technological options which will determine the final choice of fuel to be used and the selection of fuel handling techniques, to the study of the total environment as it will be affected by the construction and operation not only of the station itself, but of all its associated transformation and transmission facilities.

Particular attention and considerable financial support have been given to the appraisal of methods proposed for the removal of sulphur dioxide from flue emissions. A high flow-rate filter for reducing suspended solids in the waste water of plant ash systems was tested at Lambton GS, and a filter plant based on this experience is now being established at Lakeview GS. Also at this station a large recirculation duct

SUMMARY OF POWER DEVELOPMENT PROGRAM
as at December 31, 1970

Development	Number of Units Scheduled for Service		Installed Capacity	Estimated Cost
			kw	\$
Pickering - Lake Ontario, east of Toronto.....	4 TN	1971-1973	2,160,000	} 662,000,000
	6 TCT	1971-1972	45,000	
Lower Notch - Montreal River.....	2 H	1971	228,000	69,312,000
Nanticoke - Lake Erie, near Port Dover.....	8 TC	1971-1977	4,000,000	677,591,000
Lennox - Lake Ontario, 22 miles west of Kingston.....	4 TC	1974-1977	2,295,000	*303,013,000
Bruce - Lake Huron, near Kincardine	4 TN	1975-1978	3,200,000	} *944,000,000
Auxiliary Units.....		1975	x45,000	

x Tentative capacity.

In the Scheduled for Service column units are designated as Hydro, Thermal-electric Conventional, Thermal-electric Nuclear, and Thermal-electric Combustion-turbine.

In this table the in-service dates are for first delivery of power.

* These estimates do not include the allowance for estimated escalation of cost during the period of construction.

designed to use warm water in reducing ice formation in the forebay is to be constructed during 1971. Hydrological studies undertaken at the sites of present and proposed thermal-electric stations will provide data for the design of cooling water facilities and for the measurement of some of the environmental changes that may occur at these stations.

A further important feature of planning activity in 1970 was the negotiation with Hydro-Quebec of an agreement covering the purchase of firm power and interruptible energy at 4.5 mills and 3.0 mills per kilowatt-hour respectively, under specified conditions over the period June 1, 1971 to May 31, 1978. A letter of intent was also signed for the purchase of firm power from Manitoba Hydro over the period April 1, 1972 to March 31, 1978 at an annual cost of \$30.50 per kilowatt and a weekly load factor of 80 per cent.

Progress on Power Developments

During 1970, the remaining two 500-megawatt units at the four-unit Lambton GS were placed in service, the last in late September, and were operated at full load in October, well ahead of schedule. The two 100-megawatt hydro-electric units at Wells GS, the largest installed by the Commission to date, were placed in service in November. These two stations were the prime contributing factors in increasing the total installed capacity during the year by 1,236.6 megawatts. Construction work was proceeding on the two-unit 228-megawatt station at Lower Notch on the Montreal River, at Lambton GS for the completion of work there, and at four other sites, two of them major nuclear-electric developments.

EXPENDITURES ON CAPITAL CONSTRUCTION 1961-1970

Year	Generation	Transformation	Transmission	Retail Distribution	Other	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
1961.....	77,939	10,693	11,446	18,954	4,624	123,656
1962.....	59,741	11,754	21,118	18,102	3,709	114,424
1963.....	49,301	12,109	22,391	18,073	6,283	108,157
1964.....	55,908	16,775	16,250	18,623	2,565	110,121
1965.....	90,420	18,734	19,727	18,066	3,004	149,951
1966.....	131,900	22,593	21,607	20,256	*14,908	211,264
1967.....	154,889	30,128	26,774	22,280	*18,075	252,146
1968.....	192,772	38,270	53,439	23,276	*21,583	329,340
1969.....	273,082	62,507	60,128	28,567	*22,411	446,695
1970.....	318,236	68,682	65,141	30,410	*28,577	511,046
Total.....	1,404,188	292,245	318,021	216,607	125,739	2,356,800

* These figures include investment in tools and equipment, now classified as fixed assets but shown in previous years as current assets.

Lower Notch GS is scheduled for service in the autumn of 1971. During 1970, all the excavation work was complete except for the tailrace channel and about half the intake canal. The headpond area was cleared. The powerhouse was enclosed. The headworks centre bulkhead, spillway, and wing walls were concreted, and penstocks were erected and encased. Construction of the main dam, reservoir dikes, and canal dikes was 60 per cent complete. Erection of the turbines was begun in March, and both scroll-cases were embedded by the end of the year.

At Pickering GS, while construction forces continued to work on mechanical and electrical installations for Unit 2, and approached completion of structural work for Units 3 and 4, the reactor and turbine generator for Unit 1 with most of its allied systems were transferred to the operating staff for commissioning. In December, preparations were being made for fuelling the Unit 1 reactor, which is scheduled for service during 1971.

Bruce GS is being built on the shore of Lake Huron to the north of Douglas Point GS, which is operated by Ontario Hydro but owned by Atomic Energy of Canada Limited. The two stations are part of the Bruce Nuclear Development, together with the Bruce Heavy Water Plant and the associated auxiliary steam plant, which will also be operated by Ontario Hydro but owned by the crown company. Four nuclear reactors of the CANDU pressurized heavy-water type, each with a maximum turbo-generator rating of 800 megawatts, are scheduled for commercial service in the period 1976 to 1979 inclusive. Geotechnical information for the Bruce site was sufficiently complete early in 1970 to permit the basic layout to be established and design of the main structures to proceed.

During 1970, work forces in the field were primarily concerned with the erection of construction facilities, the preparation of access roads, site grading, and excavation for the initial placing of concrete for permanent structures, which took place late in

the year. The main access road from Highway 21 was built. The Canadian National Railways line from Port Elgin to the site was nearly complete, and early in 1971, construction will be undertaken for the railway line on the site itself to the material unloading siding and the heavy-water plant.

During 1970, the Commission undertook to double the capacity of Nanticoke GS by the addition of four 500-megawatt units similar to those already provided for this station. The in-service schedule has now been extended to 1977, with the first unit due for initial operation in 1971. Steel work for the first three units and the service bay was completed in 1970. In addition the building for Units 1 and 2 and the service bay was closed in, with heating and lighting installed. The foundation for Unit 4 was complete, and some foundation work for Units 5 and 6 had been done as well as the excavation required for Units 7 and 8. The first of the two concrete chimneys was complete, and four enclosed steel flues are now being installed.

The cooling-water intake channel at Nanticoke GS has an inside diameter of 21 feet and extends 1,800 feet out from the shore under the lake. It was nearing completion at the end of the year, and the dock, cooling-water pumphouse, and the intake and discharge channels were in fact finished.

Site preparation for Lennox GS, west of Kingston, was begun in August. Engineering work began early in the year with site and plant layouts. This was followed by extensive engineering review of major equipment components and studies of the circulating cooling-water system. Since Lennox GS is the Commission's first oil-fired station, the services of a consultant were engaged with a view to obtaining the best possible fuel storage and handling arrangements.

Transformer Stations and Transmission Lines

Six new transformer stations were placed in service on the 230-kv network in 1970, and two on the 115-kv network, while additional capacity was installed on the two networks at six and two stations respectively. Construction was proceeding for four new stations on each of the networks and for additional capacity at three 230-kv stations and one 115-kv station.

Engineering work is well advanced, and field work is under way for three major 230-kv stations which will form part of the tie-line with Manitoba Hydro, over which power in increased amounts will be made available to the Ontario network in 1972. Design is proceeding for increased 500-kv facilities between the Northeastern Region and the Toronto area, and study is being made of appropriate line routes and station sites for facilities extending east and west from Toronto.

The system control building at Richview TS was extended to accommodate an increase in operating staff as well as new microwave facilities and a system alarm centre. Study is being given to the requirements of a data acquisition and control system which would include a computer installation at the Richview control centre with data inputs from major generating and transformer stations.

Supply

Deliveries of coal in 1970 were again critically curtailed, and the Commission received only 9.6 million tons of the 12.5 million tons contracted for in the year. Laid-down costs were approximately 25 per cent higher than they were in 1965. This situation, viewed in conjunction with the mounting interest in improving atmospheric pollution control, prompted the Commission to embark on a program to convert the Richard L. Hearn Generating Station to dual firing, so that either natural gas, or coal, or a combination of both can be used. Long-term contracts commencing in 1971 have been negotiated for the firm and interruptible supply of natural gas, equivalent in thermal content to 1.8 million tons of coal per annum. Further studies have been undertaken to determine the most acceptable mix of fuels, taking into consideration availability, efficiency, and environmental factors.

During the year, orders amounting in total to more than \$380 million were placed in Canada for materials and equipment. These orders will create highly desirable work loads for manufacturers in several major centres in Ontario as well as elsewhere in Canada.

A construction undertaking of considerable interest is the forthcoming rehabilitation and expansion of the Commission's central warehousing facilities in western Metropolitan Toronto, on which work will begin in 1971. The greatly expanded inventories of materials and supplies and their increasing rapid turnover in the decades immediately ahead can be accommodated only by enlarging the warehousing area and installing mechanized material-handling equipment.

SECTION V

RESEARCH AND TESTING ACTIVITIES

The Commission's research activities cover a wide field in civil, mechanical, chemical, physical, and electrical engineering and design, from which only representative items can be selected for comment. In 1970, an outdoor testing laboratory, capable of high-voltage tests on full-scale line structures of voltages up to 500 kv, was brought almost to completion near Toronto. This is part of a continuing program initiated in 1969 for the development of more compact transmission lines of improved appearance. In support of electric-heating sales, a heating element for direct embedment in precast concrete ceiling slabs was developed. Installation in a number of apartment suites is planned for 1971. In the air pollution abatement program, work has progressed to the point of development of an experimental pilot plant for the control of sulphur dioxide emission. At Pickering GS, both as tests of performance and as a guide for future design, the structural behaviour of the 3-foot-thick, slip-form, concrete wall of the cylindrical vacuum building was measured under wind, thermal, vacuum, and operational test loads by instrumentation designed and installed for the purpose.

SECTION VI

STAFF RELATIONS

The average number of employees on the Commission's staff in 1970 was 22,584, of whom 15,744 were regular and 6,840 were temporary, the latter for the most part engaged in construction activity. The expansion of the construction program is indicated in the average number of temporary employees, which, though slightly lower than in 1969, has nevertheless more than trebled since the most recent low of 2,263 in 1963. The number of regular employees has grown with increasing rapidity each year since 1964, when the number reached its lowest point in a prior seven-year decline.

Training and Development

More than 800 persons in trade, technical, or administrative positions, and over 400 management and professional persons were among the much larger number joining the staff in 1970, either to meet increased requirements or to replace those who for a variety of reasons, including retirement, had left the Commission's employ. More than 700 students were temporarily engaged during the summer months.

Supervisors and local instructors on the job, of course, provided much of the initial training that new employees require in their adaptation to the Commission's specific needs, as well as a good deal of the instruction necessary to keep the entire

staff up to date in their knowledge and use of the changing technology. More intensive off-the-job training is offered at three main locations, a line-training school at Nobel, the Nuclear Training Centre at Rolphton, and the Conference and Development Centre near Orangeville, where new facilities placed in service in 1970 more than doubled the available residential accommodation. More than 80 per cent of the off-the-job training is in the trades and technical area, and the other 20 per cent for professional and managerial staff.

In a concerted effort to anticipate future requirements for management appointments, and to assess the training needs of those who show promise as potential candidates for these positions, a Management Identification and Development Program was instituted during the year. Approximately 40 persons accepted the opportunity to meet the challenges of a week-long test under simulated operating conditions and observed by a team of senior managers. The evaluation and analysis of the candidates' response are expected to provide valuable supplementary data for correlation with the record of their proven competent performance on the job.

As part of the Canadian effort to assist developing nations, the Commission, working in conjunction with the United Nations and various departments of the Canadian Government, provided guidance and training to 19 visitors from abroad, who spent from a few weeks to several months in the Commission's organization. As many as 39 employees of the Commission's staff were at some time during the year in service abroad for the assistance of these developing countries.

Employee Relations

The extension of computer usage for a number of applications in staff relations and administration now provides a variety of services and reports which are valuable both to administrative officers of the Commission and to the staff in general. They offer more effective control over the uniform application of personnel policy, and in addition provide for the quick retrieval of personnel data required in union negotiations, the ready availability of up-to-date information on employee benefits, including automated pension calculation, which can be reported at appropriate intervals to each employee, and reports in convenient form for dealing more effectively with manpower requirements within the organization.

Labour Relations

Negotiations were again protracted over a large part of the year for the renewal of ten collective agreements covering separate groups of union-represented employees. Agreements were signed, however, with Local 1000 of the Canadian Union of Public Employees representing 11,000 trades, technical, and office employees, and on comparable terms with three locals of the Canadian Union of Operating Engineers representing 450 trades and operations employees. Towards the end of the more than six months of bargaining and conciliation procedures leading up to the CUPE agreement, the Commission's management was again called upon to deal with the frustrating effects of work-to-rule tactics and refusal of overtime work, and in the end to prepare its supervisory staff for the impending possibility of strike action. The two-year

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

PENSION AND INSURANCE FUND

STATEMENT OF ASSETS

as at December 31, 1970

Investments	
Bonds and stocks -	\$
Federal and Provincial government and government-guaranteed bonds (par value \$147,751,000).....	143,931,337
Corporation bonds (par value \$39,565,000).....	39,456,116
Stocks.....	73,480,946
Total bonds and stocks (approximate market value \$228,718,000).....	256,868,399
First mortgages on real estate.....	52,907,367
Real property leased to others.....	363,587
Total investments.....	310,139,353
Cash.....	179,002
Accrued interest.....	2,838,707
Receivable from The Hydro-Electric Power Commission of Ontario.....	3,105,392
	<u>316,262,454</u>

NOTES

1. The most recent actuarial valuation of the pension plan was made as at December 31, 1968, in compliance with the requirements of The Pension Benefits Act 1965. This valuation indicated that the plan had an unfunded liability of approximately \$13,700,000. Current contributions have been made on a basis sufficient to meet actuarial requirements, and include an amount sufficient to recover this deficiency within the period of time required by The Pension Benefits Act 1965.
2. In the above statement, bonds are included at amortized cost, stocks at cost, first mortgages on real estate at balance of principal outstanding, and real property at cost less amortization.

AUDITORS' REPORT

We have examined the statement of assets of The Hydro-Electric Power Commission of Ontario Pension and Insurance Fund as at December 31, 1970. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion, the accompanying statement presents fairly the assets of the fund as at December 31, 1970.

Toronto, Canada,
April 2, 1971.

CLARKSON, GORDON & CO.
Chartered Accountants.

agreement expiring on March 31, 1972 eventually provided for successive annual wage increases of 7.34 per cent and 6.64 per cent. The need to bargain on relatively equal terms for four separate agreements with craft unions in the construction trades contributed to delaying the conclusion of these negotiations beyond the end of the year.

Recent interesting amendments to the Ontario Labour Relations Act provide for collective bargaining by employee professional engineers, and for accreditation of employer associations as management bargaining agents in the construction industry.

With regard to the two disputed items mentioned as unresolved at the end of 1969, the Commission was sustained by the Ontario Labour Relations Board in its

position with respect to the remission of medical plan premiums, and in its stand that work was not available to employees who refused to provide explicit operation instruction to supervisory personnel, or who refused to drive their cars on Commission business. The Court of Appeal confirmed the Board's previous judgment in favour of the union in its stand that employees refusing to work overtime were not subject to disciplinary action.

Medical Services

Maintenance of the physical and mental health of the employee is basic to his motivation towards effective service and to the development of strong employee morale. Both are enhanced in a compatible work environment, free of hazards which may be harmful to health. The medical services provided by the Commission have effectively anticipated the possible occurrence of major hazards, such as hydrogen sulphide inhalation at the heavy-water plant, and exposure to radiation at nuclear-electric stations. Through the establishment of appropriate measurements, checks, and standard protection procedures, and the effective training of staff in these procedures, these hazards are carefully controlled. A central health physics group has been established with responsibility for dosimetry services and the environmental program at these stations. Attention is likewise being continuously directed to the control of respiratory diseases, to hazards due to toxic materials and gases, and more recently to the effects of industrial noise.

The extension of these interests and concerns to the study of the general environment is a natural outcome of this program. When the Commission established coordinating committees with special concern for the air and water environments, Medical Services representatives were named to these committees. They and other professional members of the medical staff have been frequently called upon to provide advice on environmental problems, not only in the work setting but in the community at large.

Meanwhile normal medical, hospital, nursing, and first-aid services are being provided and extended in appropriate ways to the expanding organization, and the health of the staff in general is being maintained at a high level.

Accident Prevention

Both the frequency and the severity rates in lost-time accidents per million man-hours worked were reduced in 1970, the first from 12 to 10, and the second from 1,200 to 800. Both record improvement over the averages for the previous five years. The frequency of motor-vehicle accidents also fell, from 11 to 9 per million miles driven, but both of the two fatalities experienced during the year were attributable to motor-vehicle accidents.

As a motivating device for all members of the staff, regular monthly issues of a "Stop and Think" educational and training program make use of the signal-light caution and stop symbols in stressing the importance of continuing vigilance in accident prevention.

APPENDIX I—OPERATIONS

The table of power resources and requirements on pages 36 and 37 gives for each system and in total the primary peak requirements for the month of December, and the dependable capacity of the Commission's resources at that time. A separate table on the two preceding pages gives the December dependable capacity and maximum output of the major Commission-owned stations and the major sources of purchased power. In any comparison of total requirements and resources, allowance should be made for that part of total requirements which may be interrupted over the peak period in accordance with contract terms accepted by the customer. In 1970 this was in the order of 298 megawatts.

The dependable capacity of a hydro-electric generating station is the estimated output which an analysis of historical stream-flow conditions indicates the station is capable of producing 98 per cent of the time. It can be expected to exceed this output in 49 out of 50 years. Since the stations so rated are distributed on many widely separated watersheds, and since all would not be simultaneously affected by low stream flows, the total hydro-electric generating capacity of the system is estimated to be greater than the sum of the various station capacities by an allowance for this diversity. The dependable peak capacity of a thermal-electric station is the net output of its fully commissioned units, but units in a fairly advanced stage of commissioning are occasionally included at a conservatively estimated proportion of their rated capacity. In any event, the margin of reserve capacity is conservatively measured both in the calculation of requirements and in the calculation of capacity.

Statistics on peak loads and capacities are given in the Report in kilowatts. They may be converted to horsepower by multiplying by 1.34, one horsepower being equivalent to approximately 0.746 kilowatts.

The Analysis of Energy Sales on pages 40 and 41 shows how the kilowatt-hours made available by the Commission and the associated municipal utilities were distributed to the various classes of ultimate customers or to interconnected systems. The table on Disposal of Energy by the Commission reconciles these figures with system primary energy requirements and the total energy generated and purchased by the Commission.

THE COMMISSION'S POWER RESOURCES—1970

		Dependable Capacity*	Maximum Output*	Annual Energy Output (Net)†
		kw	kw	kwh
East System				
<i>River</i>	<i>Hydro-Electric Generating Stations</i>			
Niagara	††Sir Adam Beck – Niagara No. 1.....	420,000	429,000	3,077,359,120
	Sir Adam Beck – Niagara No. 2.....	1,287,000	1,298,000	8,759,931,400
	Pumping – Generating Station.....	108,000	111,000	149,680,500
	**Ontario Power.....		95,600	312,442,000
	**Toronto Power.....		19,000	61,404,225
Welland Canal	DeCew Falls No. 1.....	31,000	32,900	128,838,560
	DeCew Falls No. 2.....	124,000	136,600	971,466,000
Adjustment to Niagara River stations to compensate for use of water by Ontario Hydro rather than by another producer.....		75,000	.....	.....
St. Lawrence	Robert H. Saunders – St. Lawrence.....	817,000	851,000	6,596,386,000
Ottawa	Des Joachims.....	371,000	375,000	2,526,800,100
	Otto Holden.....	193,000	206,000	1,295,619,800
	Chenau.....	115,000	118,000	790,705,000
	Chats Falls (Ontario half).....	77,000	85,000	567,636,800
Madawaska	Mountain Chute.....	165,000	164,000	260,662,600
	Stewartville.....	162,000	181,000	263,952,000
	Barrett Chute.....	159,000	166,600	258,416,000
Abitibi	††Abitibi Canyon.....	226,000	281,000	1,362,107,900
	Otter Rapids.....	177,000	171,000	721,027,100
Mississagi	Wells.....	215,000	226,000	61,502,000
	Aubrey Falls.....	146,000	155,000	167,069,300
	George W. Rayner.....	46,000	44,800	293,096,200
	Red Rock Falls.....	40,000	42,000	216,084,000
Mattagami	Kipling.....	142,000	143,000	651,356,200
	Little Long.....	125,000	118,000	530,942,200
	Harmon.....	125,000	139,500	622,919,300
Various	Other hydro-electric generating stations.....	150,600	144,773	944,722,348
Diversity – Adjustment made for the difference between the sum of the foregoing capacities taken plant by plant, and the calculation of capacity for the system as a whole.....		40,400	.....	.....
Total hydro-electric – East System.....		5,387,000	.....	31,292,765,653
<i>Location</i> <i>Thermal-Electric Generating Stations</i>				
Courtright	Lambton.....	2,060,000	1,950,000	6,246,895,000
Windsor	J. Clark Keith.....	263,000	241,000	827,826,900
Toronto	Lakeview.....	2,330,000	1,690,000	10,945,300,000
	Richard L. Hearn.....	1,200,000	1,140,000	3,906,738,100
Rolphton	Nuclear Power Demonstration.....	.....	22,500	122,044,000
	Combustion turbines.....	336,000	190,430	286,291,250
Total thermal-electric – East System.....		6,189,000	.....	22,335,095,250
Total generated – East System.....		11,576,000	.....	53,627,860,903

THE COMMISSION'S POWER RESOURCES—1970

		Dependable Capacity*	Maximum Output*	Annual Energy Output (Net)†
		kw	kw	kwh
East System (cont'd)				
<i>Sources of Purchased Power</i>				
Atomic Energy of Canada Limited – Douglas Point.....		194,000	198,000	847,327,615
Detroit Edison Company.....			450,000	1,265,185,800
††Niagara Mohawk Power Corporation.....			959,000	744,827,000
**Canadian Niagara Power Company.....			34,000	6,840,000
Power Authority of the State of New York.....			623,000	846,186,000
††Quebec Hydro-Electric Commission.....		109,000	586,500	4,607,422,560
MacLaren Quebec Power Company.....				572,754,000
Ottawa Valley Power Company.....		77,000	85,000	568,944,200
††Abitibi Paper Company Limited.....			31,600	49,035,152
Great Lakes Power Corporation Limited.....		4,400	5,051	88,125,646
Miscellaneous (relatively small suppliers).....		1,500	49,100	32,919,580
Total purchased – East System.....		385,900	.....	9,629,567,553
West System				
<i>River</i>	<i>Hydro-Electric Generating Stations</i>			
Nipigon	Pine Portage.....	114,800	132,300	961,046,000
	Cameron Falls.....	75,100	75,600	606,342,000
	Alexander.....	62,400	65,500	495,680,000
English	Caribou Falls.....	73,600	73,900	611,434,000
	Manitou Falls.....	59,800	66,000	465,547,800
Kaministiquia	Silver Falls.....	45,700	49,760	246,932,000
Winnipeg	Whitedog Falls.....	51,300	52,500	446,854,000
Aguasabon.....	Aguasabon.....	46,100	46,000	319,666,270
Various	Other hydro-electric generating stations.....	29,400	43,400	267,915,223
Diversity – Adjustment made for the difference between the sum of the foregoing capacities taken plant by plant, and the calculation of capacity for the system as a whole.....		20,400	.....	.....
Total hydro-electric – West System.....		578,600	.....	4,421,417,293
<i>Location</i>	<i>Thermal-Electric Generating Stations</i>			
Thunder Bay	Thunder Bay.....	100,000	97,000	201,106,600
	Combustion turbines and diesel-electric.....	29,000	25,000	2,312,910
Total thermal-electric – West System.....		129,000	.....	203,419,510
Total generated – West System.....		707,600	.....	4,624,836,803
<i>Sources of Purchased Power</i>				
Manitoba Hydro-Electric Board.....			44,800	190,350,976
Ontario Minnesota Pulp and Paper Company Limited.....			7,500	896,000
Total purchased – West System.....			.....	191,246,976
Total generated.....		12,283,600	.....	58,252,697,706
Total purchased.....		385,900	.....	9,820,814,529
Total generated and purchased.....		12,669,500	.....	68,073,512,235

* The power capacity and output reported in this table are the 20-minute peaks for the month of December. Since the station maximum outputs are not coincident, their sum is not the peak load of the system.

† Net output of generating stations or total received from supplier.

** 25 cycles per second (Hertz).

†† 25 and 60 cycles per second (Hertz).

POWER RESOURCES AND REQUIREMENTS

	EAST SYSTEM			
	1969	1970	Net Increase or Decrease	
	kw	kw	kw	%
Dependable Peak Capacity				
Generated - Hydro-electric.....	5,173,000	5,387,000	214,000	4.1
- Thermal-electric.....	4,628,000	6,189,000	1,561,000	33.7
Total generated.....	9,801,000	11,576,000	1,775,000	18.1
Purchased.....	731,300	385,900	345,400	47.2
Total generated and purchased.....	10,532,300	11,961,900	1,429,600	13.6
Reserve.....	607,829	1,323,376	715,547	117.7
**Primary Power Requirements.....	9,924,471	10,638,524	714,053	7.2
Ratio of Reserve to Requirements %.....	6.1	12.4		

ENERGY MADE AVAILABLE BY THE COMMISSION

	1969		1970		Increase or Decrease
	kwh		kwh		per cent
East System					
Generated (net)					
Hydro-electric.....	32,266,208,168		31,292,765,653		3.0
Thermal-electric and combustion-turbine.....	18,782,200,880		22,335,095,250		18.9
Total generated.....	51,048,409,048		53,627,860,903		5.1
Purchased.....	6,901,592,180		9,629,567,553		39.5
Transferred in or out.....	1,850,000		170,086,640		
Primary.....	55,081,675,744		59,690,459,172		8.4
Secondary.....	2,866,475,484		3,737,055,924		30.4
Total.....	57,948,151,228	57,948,151,228	63,427,515,096	63,427,515,096	9.5
West System					
Generated (net)					
Hydro-electric.....	4,396,306,030		4,421,417,293		.6
Thermal-electric, combustion-turbine, and diesel-electric.....	89,152,200		203,419,510		128.2
Total generated.....	4,485,458,230		4,624,836,803		3.1
Purchased.....	13,349,639		191,246,976		
Transferred in or out.....	1,850,000		170,086,640		
Primary.....	4,343,833,450		4,598,239,766		5.9
Secondary.....	156,824,419		47,757,373		69.5
Total.....	4,500,657,869	4,500,657,869	4,645,997,139	4,645,997,139	3.2
Total					
Generated (net)					
Hydro-electric.....	36,662,514,198		35,714,182,946		2.6
Thermal-electric, combustion-turbine, and diesel-electric.....	18,871,353,080		22,538,514,760		19.4
Total generated.....	55,533,867,278		58,252,697,706		4.9
Purchased.....	6,914,941,819		9,820,814,529		42.0
Primary.....	59,425,509,194		64,288,698,938		8.2
Secondary.....	3,023,299,903		3,784,813,297		25.2
Total.....	62,448,809,097	62,448,809,097	68,073,512,235	68,073,512,235	9.0

—DECEMBER 1969 AND 1970

WEST SYSTEM**				TOTAL			
1969	1970	Net Increase or Decrease		1969	1970	Net Increase or Decrease	
kw	kw	kw	%	kw	kw	kw	%
580,500	578,600	1,900	.3	5,753,500	5,965,600	212,100	3.7
129,000	129,000	0	.....	4,757,000	6,318,000	1,561,000	32.8
709,500	707,600	1,900	.3	10,510,500	12,283,600	1,773,100	16.9
.....	.....	.....	.....	731,300	385,900	345,400	47.2
709,500	707,600	1,900	.3	11,241,800	12,669,500	1,427,700	12.7
78,620	25,200	53,420	67.9	.....	1,380,776	.....	.....
630,880	682,400	51,520	8.2	10,555,351	11,288,724	733,373	6.9
12.5	3.7	.....	.....	.....	.....	.....	.....

** The capacities shown are those available for a 20-minute period at the time of system primary peak demand in December, the capacity of purchased power sources being based on the terms of the purchase contract.

With two separate systems in operation in 1969, the requirements shown are the December coincident peaks for each system and their combined total. For 1970, a coincident value has been calculated for the entire system, including the West System, and this value is shown as the total system requirement for that year. This coincident value, however, is not the sum of the East System and West System maximum requirements, which occur at different times.

Some part of the East System requirements is subject to interruption over the peak period in accordance with contract terms accepted by customers, the total possible load subject to such interruption at the time of the 1970 peak being 298,000 kw.

DISPOSAL OF ENERGY BY THE COMMISSION

1970

	PRIMARY Kwh	SECONDARY Kwh	TOTAL Kwh
Sales to Municipalities.....	38,847,573,400†	.....	38,847,573,400
Sales to Direct Customers.....	13,280,740,800	15,118,400	13,295,859,200
— Interconnected Systems.....	398,802,600†	3,705,794,100	4,104,596,700
Sub-total.....	52,527,116,800	3,720,912,500	56,248,029,300
Retail Sales			
In Towns and Villages.....	290,028,600	.....	290,028,600
In Rural Areas.....	7,233,008,500	6,665,100	7,239,673,600
— Interconnected Systems.....	36,883,000†	.....	36,883,000
Sub-total.....	7,559,920,100	6,665,100	7,566,585,200
Total Commission Sales.....	60,087,036,900	3,727,577,600	63,814,614,500
Distribution Losses and Unaccounted for.....	625,399,800	.....	625,399,800
Transmission Losses and Unaccounted for.....	3,576,262,238*	57,235,697*	3,633,497,935
Total Primary Demand and Secondary Load Carried.....	64,288,698,938	3,784,813,297	68,073,512,235

* The apportioning of transmission losses to primary and secondary loads is estimated.

† The three quantities of primary energy thus indicated amounting in total to 39,283,259,000 kwh were delivered to municipalities and interconnected utilities for resale.

ANALYSIS

by the Commission and Associates

	SALES BY ASSOCIATED MUNICIPAL ELECTRICAL UTILITIES LISTED IN STATEMENT A
	kwh
Ultimate use:	
Residential service	
Continuous Occupancy.....	12,553,703,100
Intermittent Occupancy.....	
Total sales, residential-type service.....	12,553,703,100
Commercial service.....	9,042,938,400
Industrial power service - primary.....	15,735,262,600
- secondary.....	
Farm.....	
Street lighting.....	448,075,000
Unclassified as to ultimate use:	
To interconnected systems for resale - primary.....	
- secondary.....	
Total sales to ultimate customers and for resale.....	37,779,979,100
Adjustments:	
Distribution losses and unaccounted for - M.E.U.....	1,347,724,400
Generated by M.E.U. listed in Statement A.....	228,822,900
Purchased by M.E.U. listed in Statement A from source other than the Commission.....	51,307,200
Commission sales to municipalities and to direct and retail customers.....	†38,847,573,400
Distribution losses and unaccounted for - Commission.....	
Transmission losses and unaccounted for - Commission.....	
Generated and purchased by the Commission.....	

* Includes those direct customers with loads for the most part under 5000 kw, who were formerly segregated as Retail Special.

† The number of kilowatt-hours shown as delivered to municipalities differs from the kilowatt-hours shown in the Allocation of the Cost of Power statement because of a retroactive adjustment made in 1970 in one of the municipal accounts.

ENERGY SALES

Municipal Electrical Utilities during 1970

SALES BY THE HYDRO ELECTRIC POWER COMMISSION OF ONTARIO			
To Retail Customers		To Direct Customers	TOTAL
In Certain Towns and Villages served by Commission Distribution Facilities	In Rural Areas*		
kwh	kwh	kwh	kwh
169,715,300	2,524,131,700	.....	15,247,550,100
.....	248,058,200	.....	248,058,200
169,715,300	2,772,189,900	.....	15,495,608,300
98,119,600	705,399,500	.....	9,846,457,500
18,873,300	2,139,616,300	13,280,740,800	31,173,493,000
.....	6,665,100	15,118,400	21,783,500
.....	1,586,725,200	.....	1,586,725,200
4,320,400	29,077,600	.....	481,473,000
.....	36,883,000	398,802,600	435,685,600
.....	.....	3,705,794,100	3,705,794,100
290,028,600	7,276,556,600	17,400,455,900	62,747,020,200
.....	.....	.....	1,347,724,400
.....	.....	.....	228,822,900
.....	.....	.....	51,307,200
290,028,600	7,276,556,600	17,400,455,900	63,814,614,500
19,110,700	606,289,100	.....	625,399,800
.....	.....	.....	3,633,497,935
.....	.....	.....	68,073,512,235

TRANSMISSION LINES AND CIRCUITS

Classified by Major Voltages and Types of Supporting Structure

	LINE ROUTE MILES		CIRCUIT MILES	
	At Dec. 31, 1969	At Dec. 31, 1970	At Dec. 31, 1969	At Dec. 31, 1970
500,000-volt aluminum or steel tower....	435	435	435	435
345,000-volt steel tower.....	3	3	3	3
230,000-volt aluminum or steel tower....	3,594	4,188	4,951	6,016
230,000-volt wood pole.....	345	347	345	347
230,000-volt underground.....	2	2	4	4
115,000-volt steel tower.....	2,251	2,248	3,690	3,754
115,000-volt wood pole.....	2,759	2,760	2,771	2,772
115,000-volt underground.....	42	44	77	80
69,000-volt wood pole.....	204	204	204	204
60,000-volt steel tower or wood pole....	8	8	8	8
44,000-volt and less, wood and steel....	7,031	6,989	7,549	7,585
Total.....	16,674	17,228	20,037	21,208

APPENDIX II—FINANCIAL

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FIX
for the Year En

	Balance December 31, 1969	Char	
		Placed in Service	Relocated and Reclassified
	\$	\$	\$
Power Supply Facilities			
GENERATING STATIONS			
Thermal-electric - Conventional.....	575,039,333	176,163,034	340,991
- Nuclear.....	4,395,290	278,486	.....
- Combustion-turbine.....	37,982,789	559,318	.....
Total Thermal-electric.....	617,417,412	177,000,838	340,991
Hydro-electric.....	1,468,286,687	31,851,720	166,741
Total Generating Stations.....	2,085,704,099	208,852,558	174,250
TRANSFORMER STATIONS.....	424,487,073	58,596,572	20,319
TRANSMISSION LINES.....	450,669,345	91,810,177	589,945
COMMUNICATION EQUIPMENT.....	19,546,996	7,777,035	4,031
RETAIL DISTRIBUTION PLANT AND EQUIPMENT.....	394,190,707	31,337,984	612,230
Total Power Supply Facilities.....	3,374,598,220	398,374,326	180,247
Administrative and Service Facilities			
LAND AND BUILDINGS.....	41,971,766	4,723,378	180,247
OFFICE AND SERVICE EQUIPMENT.....	83,725,869	16,786,036	.....
Total Administrative and Service Facilities	125,697,635	21,509,414	180,247
TOTAL FIXED ASSETS.....	3,500,295,855	419,883,740	.....

Fixed Assets Under Construction

	\$
Balance at December 31, 1969.....	598,055,337
Add expenditures.....	511,046,013
	1,109,101,350
Deduct placed in service.....	419,883,740
Balance at December 31, 1970.....	689,217,610

SETS

December 31, 1970

SERVICE		UNDER CONSTRUCTION DECEMBER 31, 1970	TOTAL FIXED ASSETS DECEMBER 31, 1970	EXPENDITURES DURING 1970
Operating Year	Balance December 31, 1970			
Retired				
\$.	\$	\$	\$	\$
418,529	751,124,829	180,230,227	931,355,056	141,372,016
14,694	4,659,082	320,912,086	325,571,168	139,861,186
.....	38,542,107	229,929	38,772,036	463,420
433,223	794,326,018	501,372,242	1,295,698,260	281,696,622
1,094,602	1,498,877,064	73,139,408	1,572,016,472	36,538,901
1,527,825	2,293,203,082	574,511,650	2,867,714,732	318,235,523
3,213,066	479,850,260	57,048,599	536,898,859	68,682,256
3,951,187	537,938,390	41,279,848	579,218,238	65,141,289
114,199	27,442,261	4,953,870	32,396,131	5,856,984
7,448,357	418,692,564	4,192,232	422,884,796	30,410,100
16,026,236	3,757,126,557	681,986,199	4,439,112,756	488,326,152
384,902	46,129,995	7,231,411	53,361,406	5,933,825
4,803,131	95,708,774	.....	95,708,774	16,786,036
5,188,033	141,838,769	7,231,411	149,070,180	22,719,861
21,214,269	3,898,965,326	689,217,610	4,588,182,936	511,046,013

Disposition of Fixed Assets Retired during 1970

Cost of fixed assets retired.....	\$	21,214,269
Deduct:	\$	
Proceeds from sales, etc.....	2,910,917	
Charges to operations.....	283,533	
Charges to plant under construction.....	175,016	3,369,466
Net charge to accumulated depreciation.....		<u>17,844,803</u>

ACCUMULATED DEPRECIATION for the Year Ended December 31, 1970

	POWER SUPPLY FACILITIES		ADMINISTRATIVE AND SERVICE FACILITIES	TOTAL
	Generation, Transformation, Transmission, and Communications	Retail Distribution	Land, Buildings, and Equipment	
	\$	\$	\$	\$
Balances at December 31, 1969.....	466,260,478	125,985,526	51,121,416	643,367,420
Add:				
Provision in the year charged:				
directly to opera- tions.....	50,318,597	14,971,653	.....	65,290,250
indirectly to opera- tions and plant un- der construction....	21,275	.....	9,608,754	9,630,029
Transfers.....	63,720	133,342	69,622	.....
Excess of salvage recov- eries over removal costs on assets re- tired.....	344,052	122,455	2,923	218,674
Other adjustments.....	431,950	157,092	.....	589,042
	517,312,632	141,125,158	60,657,625	719,095,415
Deduct:				
Cost of fixed assets re- tired less proceeds from sales, etc.....	7,447,921	6,272,738	4,124,144	17,844,803
Balances at December 31, 1970.....	509,864,711	134,852,420	56,533,481	701,250,612

FREQUENCY STANDARDIZATION ACCOUNT for the Year Ended December 31, 1970

	\$	
Balance at December 31, 1969.....	82,632,731	
Add interest for the year.....	2,909,361	
	85,542,092	
Deduct amortization charged to operations:		
Assessments to customers of the former Southern Ontario System as follows:	\$	
\$3.00 per kilowatt of costing load to all customers who were converted to 60-cycle frequency.....	16,977,637	
\$.50 per kilowatt of costing load to all non-converted 60-cycle customers.....	996,618	
	17,974,255	
An amount equal to the net revenue on the export of 60-cycle secondary energy from the former Southern Ontario System (excluding amounts arising from interconnection arrangements where it is understood that the capacity and/or energy can be repurchased).....	755,057	18,729,312
Balance at December 31, 1970.....		66,812,780

BONDS PAYABLE IN CANADIAN CURRENCY as at December 31, 1970

Guaranteed as to Principal and Interest by the Province of Ontario

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding Dec. 31, 1970
			$\frac{0}{100}$	\$
Feb. 1, 1971	.....	Feb. 1, 1964	5	14,855,800
Feb. 15, 1971	.....	Feb. 15, 1961	5 $\frac{1}{4}$	4,584,000
Mar. 1, 1971	.....	Mar. 1, 1963	5	13,129,000
June 1, 1971	June 1, 1961	June 1, 1946	2 $\frac{3}{4}$	18,034,000
Nov. 15, 1971	.....	Nov. 15, 1961	4 $\frac{3}{4}$	5,292,500
July 5, 1972	.....	July 5, 1967	6	14,814,000
Sept. 20, 1972	.....	Sept. 20, 1967	6 $\frac{1}{2}$	11,950,000
Mar. 15, 1973	.....	Mar. 15, 1967	5 $\frac{3}{4}$	10,974,500
June 15, 1973	June 15, 1971	June 15, 1950	3	54,300,000
Mar. 18, 1974	.....	Mar. 18, 1969	7 $\frac{1}{2}$	20,000,000
July 15, 1974	July 15, 1972	July 15, 1956	4	46,683,500
Oct. 15, 1974	Oct. 15, 1972	Oct. 15, 1956	4 $\frac{1}{2}$	24,548,500
Dec. 1, 1974	.....	Dec. 1, 1969	8 $\frac{1}{2}$	20,000,000
Aug. 15, 1975	Feb. 15, 1972	Feb. 15, 1957	4 $\frac{3}{4}$	32,956,000
Jan. 15, 1976	Jan. 15, 1974	Jan. 15, 1956	4	43,809,500
*Sept. 15, 1976	.....	Sept. 15, 1970	8 $\frac{1}{2}$	75,000,000
Oct. 1, 1976	.....	Oct. 1, 1969	8 $\frac{1}{4}$	14,050,000
Nov. 15, 1976	Nov. 15, 1974	Nov. 15, 1957	5	34,717,000
Jan. 5, 1977	Jan. 5, 1975	Jan. 5, 1967	6 $\frac{1}{4}$	14,960,000
Mar. 1, 1977	Mar. 1, 1975	Mar. 1, 1955	3 $\frac{1}{2}$	38,448,500
Apr. 1, 1977	Apr. 1, 1974	Apr. 1, 1957	5	74,075,000
Mar. 1, 1978	Mar. 1, 1976	Mar. 1, 1958	4 $\frac{1}{2}$	32,802,000
Oct. 15, 1978	Oct. 15, 1976	Oct. 15, 1958	5	46,059,500
May 15, 1979	May 15, 1974	May 15, 1954	3 $\frac{1}{2}$	34,492,000
July 1, 1979	.....	July 1, 1959	5 $\frac{3}{4}$	29,036,500
Oct. 15, 1979	Oct. 15, 1974	Oct. 15, 1954	3 $\frac{1}{2}$	49,733,000
Feb. 15, 1980	Feb. 15, 1978	Feb. 15, 1960	6	26,551,000
July 15, 1980	July 15, 1978	July 15, 1960	5 $\frac{1}{2}$	36,064,000
Feb. 15, 1981	Feb. 15, 1979	Feb. 15, 1961	5 $\frac{1}{2}$	39,660,000
June 15, 1982	June 15, 1979	June 15, 1962	5	32,728,000
Mar. 1, 1983	Mar. 1, 1980	Mar. 1, 1963	5 $\frac{1}{4}$	41,176,500
June 15, 1983	June 15, 1979	June 15, 1963	5	52,284,800
Nov. 15, 1983	Nov. 15, 1980	Nov. 15, 1961	5 $\frac{1}{4}$	40,272,000
Feb. 1, 1984	Feb. 1, 1981	Feb. 1, 1964	5 $\frac{1}{4}$	51,758,800
Oct. 1, 1984	Oct. 1, 1980	Oct. 1, 1964	5 $\frac{1}{4}$	54,578,000
Feb. 1, 1985	Feb. 1, 1981	Feb. 1, 1965	5 $\frac{1}{4}$	69,798,500
July 5, 1987	July 5, 1985	July 5, 1967	6 $\frac{1}{4}$	24,082,000
Jan. 4, 1988	Jan. 4, 1984	Jan. 4, 1966	5 $\frac{3}{4}$	51,010,500
Apr. 15, 1988	Apr. 15, 1984	Apr. 15, 1966	6	47,943,500
July 5, 1988	July 5, 1984	July 5, 1966	6	46,875,000
Jan. 5, 1989	Jan. 5, 1985	Jan. 5, 1967	6 $\frac{1}{4}$	38,355,500
Sept. 20, 1989	Sept. 20, 1985	Sept. 20, 1967	6 $\frac{1}{2}$	27,778,000
Mar. 15, 1990	Mar. 15, 1986	Mar. 15, 1967	6	46,258,000
Apr. 1, 1992	Apr. 1, 1988	Apr. 1, 1968	7	42,054,000
Aug. 15, 1992	Aug. 15, 1988	Aug. 15, 1968	7	48,568,000
Sept. 18, 1992	Sept. 18, 1988	Sept. 18, 1968	7	62,625,000
Mar. 18, 1994	Mar. 18, 1989	Mar. 18, 1969	7 $\frac{3}{4}$	33,475,000
Apr. 1, 1994	Apr. 1, 1990	Apr. 1, 1970	9	50,000,000
May 1, 1994	May 1, 1989	May 1, 1969	7 $\frac{3}{4}$	36,165,000
Oct. 1, 1994	Oct. 1, 1989	Oct. 1, 1969	8 $\frac{1}{4}$	24,571,000
Dec. 1, 1994	Dec. 1, 1989	Dec. 1, 1969	8 $\frac{1}{2}$	25,868,000
**Feb. 1, 1995	Feb. 1, 1990	Feb. 1, 1970	9	50,000,000
June 30, 1995	June 30, 1990	June 30, 1970	9	60,000,000
Nov. 30, 1995	Nov. 30, 1990	Nov. 30, 1970	8 $\frac{3}{4}$	75,000,000
Total bonds payable in Canadian currency.....				2,014,804,900

* Exchangeable at the option of the bondholder for an equal principal amount of bonds due September 15, 1996, such bonds to bear interest at 8 $\frac{1}{4}$ %.

** Subject to maturity of any bond on February 1, 1975 if the bondholder so elects.

BONDS PAYABLE IN UNITED STATES CURRENCY

as at December 31, 1970

Held by the Province of Ontario and having terms identical with issues sold in the United States by the Province of Ontario on behalf of the Commission

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding Dec. 31, 1970
			%	\$
May 15, 1971	May 15, 1956	May 15, 1951	3 $\frac{1}{4}$	40,547,000
Sept. 1, 1972	Sept. 1, 1956	Sept. 1, 1951	3 $\frac{1}{4}$	37,693,000
Feb. 1, 1975	Feb. 1, 1958	Feb. 1, 1953	3 $\frac{1}{4}$	45,026,000
Nov. 1, 1978	Nov. 1, 1958	Nov. 1, 1953	3 $\frac{5}{8}$	46,683,000
Mar. 15, 1980	Mar. 15, 1959	Mar. 15, 1954	3 $\frac{1}{8}$	29,337,000
May 15, 1981	May 15, 1961	May 15, 1956	3 $\frac{7}{8}$	42,273,000
Feb. 1, 1984	Feb. 1, 1969	Feb. 1, 1959	4 $\frac{3}{4}$	70,102,000
Sept. 15, 1990	Sept. 15, 1975	Sept. 15, 1965	4 $\frac{3}{4}$	49,340,000
Apr. 1, 1996	Apr. 1, 1981	Apr. 1, 1966	5 $\frac{1}{2}$	33,076,000
Apr. 15, 1997	Apr. 15, 1982	Apr. 15, 1967	5 $\frac{5}{8}$	63,062,000
Dec. 1, 1997	Dec. 1, 1982	Dec. 1, 1967	6 $\frac{7}{8}$	74,640,000
Aug. 1, 1998	Aug. 1, 1983	Aug. 1, 1968	7 $\frac{1}{8}$	74,530,000
Feb. 15, 1999	Feb. 15, 1984	Feb. 15, 1969	7 $\frac{3}{8}$	74,950,000
Sept. 1, 1999	Sept. 1, 1984	Sept. 1, 1969	8 $\frac{3}{8}$	99,590,000
Feb. 15, 2000	Feb. 15, 1985	Feb. 15, 1970	9 $\frac{1}{4}$	100,000,000
Aug. 1, 2000	Aug. 1, 1985	Aug. 1, 1970	9 $\frac{1}{4}$	75,000,000
				955,849,000
Add exchange premium (net) at time of conversion.....				43,704,691
Total bonds payable in United States currency.....				999,553,691

BONDS PAYABLE IN WEST GERMAN CURRENCY

as at December 31, 1970

Guaranteed as to Principal and Interest by the Province of Ontario

Date of Maturity	Callable on or after	Date of Issue	Interest Rate	Principal Outstanding December 31, 1970	
			%	DM	\$
Aug. 1, 1975-1984 (ten equal annual instalments)	Aug. 1, 1975	Aug. 1, 1969	7	150,000,000	40,401,005

SUMMARY OF CHANGES IN BONDS PAYABLE

during the Year Ended December 31, 1970

	Payable in Canadian Currency	Payable in United States Currency	Payable in West German Currency
Outstanding at December 31, 1969.....	\$ 1,822,364,100	\$ 826,124,530	\$ 40,401,005
Add issues during the year.....	310,000,000	183,843,750	.....
	2,132,364,100	1,009,968,280	40,401,005
Deduct redemptions during the year.....	117,559,200	10,414,589	.....
Outstanding at December 31, 1970.....	2,014,804,900	999,553,691	40,401,005

ADVANCES FROM THE PROVINCE OF ONTARIO

as at December 31, 1970

Annuity bonds repayable to the Province in accordance with the terms of Province of Ontario bonds issued in part for the purposes of the Commission

Date of Maturity	Interest Rate	Balances of Advances Outstanding December 31, 1970 (Payable in Canadian, United States, or Sterling Currencies)
Jan. 15, 1971.....	7%	\$ 297,180
June 1, 1971.....	4½	403,872
Total advances.....	4	701,052

SUMMARY OF CHANGES IN ADVANCES FROM
THE PROVINCE OF ONTARIO

during the Year Ended December 31, 1970

	\$
Balance of advances at December 31, 1969.....	1,807,463
Deduct repayments during the year.....	1,106,411
Balance of advances at December 31, 1970.....	701,052

STATEMENT OF THE ALLOCATION OF

for the

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENT STANDARDS (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt-hours	\$	\$	\$	\$	\$
Acton.....	6,309.5	34,967.5	204,617	16,382	.....	796	18
Ailsa Craig.....	498.5	2,529.2	16,166	1,268	1,568	.....	.....
Ajax.....	13,085.8	74,788.9	424,375	33,977	.....	2,755	.....
Alexandria.....	4,487.9	25,727.8	145,542	11,520	7,873	1,352	.....
Alfred.....	1,149.2	6,249.6	37,268	2,923	3,614	.....	.....
Alliston.....	4,379.7	26,582.8	142,034	11,372	.....	1,038	.....
Almonte.....*	3,150.3	16,885.9	102,164	8,180	.....	2,789	.....
Alvinston.....	388.6	1,940.6	12,602	988	1,222	.....	.....
Amherstburg.....	6,537.0	41,264.0	211,996	16,973	.....	1,798	19
Ancaster Twp.....	3,048.7	17,167.8	98,871	7,916	.....	.....	9
Apple Hill.....	196.8	1,017.0	6,381	501	619	.....	9
Arkona.....	354.8	1,962.2	11,506	902	1,116	.....	.....
Arnprior.....	8,138.0	50,924.2	263,918	20,788	20,237	1,421	40
Arthur.....	1,873.0	10,614.9	60,741	4,864	.....	3,321	3
Athens.....	822.4	4,593.1	26,672	2,092	2,586	.....	.....
Atikokan Twp.....	3,918.4	23,324.0	127,073	9,965	12,323	6,732	.....
Aurora.....	11,055.6	64,483.2	358,534	28,705	.....	2,830	30
Avonmore.....	210.3	1,026.0	6,820	535	661	.....	.....
Aylmer.....	6,169.7	32,603.2	200,084	15,835	10,893	936	180
Ayr.....	1,513.2	8,014.5	49,073	3,866	3,704	300	44
Baden.....	1,256.3	6,184.5	40,741	3,224	2,251	67	30
Bancroft.....*	2,194.5	11,460.1	71,168	5,609	5,234	56	19
Barrie.....	35,476.7	208,512.0	1,150,511	92,112	.....	.....	173
Barry's Bay.....	1,115.3	5,762.5	36,170	2,836	3,508	.....	5
Bath.....	580.3	3,050.6	18,820	1,476	1,825	.....	9
Beachburg.....	529.0	2,996.4	17,155	1,373	.....	.....	6
Beachville.....	2,897.4	18,976.3	93,963	7,523	.....	950	89
Beamsville.....	3,052.3	16,936.4	98,985	7,925	.....	347	53
Beaverton.....	1,807.3	10,743.1	58,610	4,692	.....	1,034	0
Beeton.....	822.7	4,701.6	26,680	2,092	2,587	533	1
Belle River.....	1,887.2	11,112.8	61,204	4,812	5,197	277	56
Belleville.....	35,134.8	212,031.3	1,139,426	91,225	.....	2,456	176
Belmont.....	1,247.0	6,807.5	40,440	3,214	1,398	.....	34
Blenheim.....	2,671.0	15,301.1	86,621	6,925	620	.....	81
Bloomfield.....	662.2	3,470.1	21,476	1,719	.....	.....	3
Blyth.....	1,029.8	5,246.4	33,397	2,619	3,239	.....	38
Bobcaygeon.....	1,715.9	10,195.2	55,647	4,364	5,396	1,051	5
Bolton.....	2,534.2	14,569.4	82,832	6,511	7,155	208	76
Bothwell.....	667.3	3,293.1	21,640	1,697	2,099	.....	20
Bowmanville.....	11,284.9	62,465.0	365,970	29,300	.....	.....	54

* See note 8, page 68.

ST OF PRIMARY POWER TO MUNICIPALITIES

ed December 31, 1970

RETURN EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
24,526	96,161	312,359	312,673	314	38.15	49.51	8.93
2,554	6,955	24,899	24,555	344	41.12	49.95	9.84
18,688	205,669	654,631	647,151	7,480	35.74	50.03	8.75
11,104	70,751	228,178	221,990	6,188	37.55	50.84	8.87
1,628	17,186	59,938	59,246	692	38.62	52.16	9.59
11,330	73,103	218,407	218,506	99	35.76	49.87	8.22
6,359	46,436	154,785	155,444	659	36.41	49.13	9.17
2,622	5,337	18,693	18,533	160	41.12	48.10	9.63
19,972	113,476	343,882	342,166	1,716	38.30	52.61	8.33
9,708	47,211	153,436	153,400	36	38.03	50.33	8.94
765	2,797	9,631	9,478	153	38.61	48.94	9.47
1,970	5,396	18,014	17,912	102	41.12	50.77	9.18
19,206	140,042	431,269	428,591	2,678	38.15	52.99	8.47
4,731	29,191	94,323	92,621	1,702	37.30	50.36	8.89
2,508	12,631	41,884	40,587	1,297	38.62	50.93	9.12
13,525	64,141	206,709	206,146	563	39.84	52.75	8.86
20,246	177,329	580,319	572,236	8,083	38.28	52.49	9.00
505	2,822	10,438	10,358	80	38.62	49.63	10.17
19,692	89,659	316,224	316,062	162	39.91	51.25	9.70
4,376	22,040	79,147	77,435	1,712	40.63	52.30	9.88
5,965	17,007	61,094	61,283	189	39.84	48.63	9.88
4,284	31,515	110,395	108,463	1,932	37.90	50.31	9.63
80,840	573,408	1,752,929	1,746,063	6,866	35.53	49.41	8.41
1,707	15,847	57,212	56,337	875	38.62	51.30	9.93
1,535	8,389	29,265	29,086	179	38.62	50.43	9.59
1,057	8,240	25,976	25,913	63	35.53	49.10	8.67
11,647	52,185	151,666	149,701	1,965	38.35	52.35	7.99
7,718	46,575	155,271	155,020	251	38.14	50.87	9.17
6,050	29,544	88,734	88,518	216	36.10	49.10	8.26
3,429	12,929	41,803	41,427	376	39.26	50.81	8.89
4,470	30,560	103,242	101,987	1,255	40.88	54.71	9.29
101,302	583,086	1,732,458	1,722,637	9,821	35.60	49.31	8.17
1,791	18,721	65,723	65,289	434	39.13	52.70	9.65
9,928	42,078	134,329	134,776	447	38.25	50.29	8.78
2,522	9,543	30,547	30,039	508	35.53	46.13	8.80
3,811	14,428	52,961	52,737	224	41.12	51.43	10.09
3,177	28,037	92,176	91,157	1,019	39.23	53.72	9.04
5,691	40,066	138,744	136,488	2,256	40.86	54.32	9.52
2,998	9,056	33,496	33,959	463	41.12	50.20	10.17
35,412	171,779	537,279	537,786	507	35.53	47.61	8.60

STATEMENT OF THE ALLOCATION OF

for the

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENT STANDARDIZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Bracebridge.....*	2,225.2	8,487.8	72,164	5,777	.....	2,964	.....
Bradford.....	2,947.0	16,906.0	95,571	7,652	.....	.....	.....
Braeside.....	2,160.4	10,425.7	70,063	5,598	652	322	.....
Brampton.....	42,267.5	241,677.9	1,370,740	109,738	.....	.....	120
Brantford.....	67,457.0	400,967.8	2,187,638	175,147	.....	.....	200
Brantford Twp.....	14,338.2	75,636.3	464,989	37,144	4,969	9,315	40
Brechin.....	254.0	1,212.2	8,237	646	799	.....	.....
Bridgeport.....	1,522.5	9,178.6	49,375	3,950	200	.....	.....
Bridgen.....	367.5	1,811.6	11,918	935	1,156	.....	.....
Brighton.....	2,582.2	14,922.4	83,741	6,704	.....	.....	10
Brockville.....	25,163.7	151,998.5	816,062	65,310	.....	.....	120
Brussels.....	848.1	4,576.6	27,504	2,157	2,667	.....	20
Burford.....	1,080.6	6,167.2	35,044	2,748	3,398	.....	30
Burgessville.....	316.0	1,384.0	10,248	804	994	267	.....
Burk's Falls.....	1,202.0	6,391.3	38,981	3,121	.....	.....	.....
Burlington.....	76,052.2	440,116.3	2,466,381	196,923	32,002	75,870	228
Cache Bay.....	367.0	1,905.4	11,902	953	.....	.....	.....
Caledonia.....	1,714.7	9,576.0	55,609	4,361	5,393	.....	50
Campbellford.....*	2,278.1	8,873.6	73,879	5,915	.....	4,632	100
Campbellville.....	216.0	1,074.8	7,005	549	679	.....	.....
Cannington.....	1,067.1	5,971.9	34,607	2,771	.....	.....	.....
Capreol.....	2,759.8	15,459.6	89,500	7,166	.....	1,134	.....
Cardinal.....	1,039.2	5,940.3	33,702	2,643	3,268	.....	.....
Carleton Place.....	5,083.7	28,360.7	164,866	13,077	7,231	538	200
Casselman.....	1,312.5	6,587.9	42,565	3,338	4,128	.....	.....
Cayuga.....	885.9	4,996.8	28,729	2,253	2,786	74	200
Chalk River.....	651.4	3,949.9	21,124	1,692	.....	.....	.....
Chapleau Twp.....	2,561.3	13,204.0	83,063	6,514	8,055	.....	.....
Chatham.....	39,279.4	226,486.7	1,273,837	101,987	.....	.....	1170
Chatsworth.....	373.8	1,891.2	12,122	951	1,176	.....	.....
Chesley.....	1,647.8	8,988.2	53,437	4,279	.....	168	.....
Chesterville.....	1,998.9	10,546.5	64,825	5,084	6,286	.....	.....
Chippawa.....	2,210.9	12,017.8	71,700	5,632	6,446	.....	600
Clifford.....	500.0	2,847.3	16,215	1,272	1,572	.....	100
Clinton.....	2,978.5	16,238.1	96,592	7,733	.....	587	800
Cobden.....	877.1	4,593.6	28,445	2,278	.....	.....	.....
Cobourg.....	17,310.1	103,132.9	561,368	44,944	.....	8,257	800
Cochrane.....	4,402.3	24,620.3	142,766	234	.....	.....	.....
Colborne.....	1,669.5	10,348.8	54,141	4,246	5,251	.....	.....
Coldwater.....	1,029.5	5,252.0	33,385	2,635	2,249	231	.....

* See note 8, page 68.

ST OF PRIMARY POWER TO MUNICIPALITIES

ed December 31, 1970

RETURN EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
1,398	23,341	103,961	101,933	2,028	36.86	46.72	12.25
8,439	46,492	142,750	142,043	707	35.53	48.44	8.44
4,076	28,671	102,310	102,085	225	35.97	47.36	9.81
77,450	664,614	2,194,445	2,204,520	10,075	38.03	51.92	9.08
273,727	1,102,661	3,394,090	3,397,084	2,994	38.03	50.31	8.46
23,621	208,000	743,811	727,121	16,690	39.02	51.88	9.83
1,031	3,334	12,112	11,420	692	38.62	47.69	9.99
4,275	25,241	79,059	78,899	160	38.16	51.93	8.61
2,069	4,982	18,025	17,991	34	41.12	49.05	9.95
7,455	41,037	125,318	124,155	1,163	35.53	48.53	8.40
77,259	417,996	1,234,691	1,226,145	8,546	35.53	49.07	8.12
4,046	12,586	43,412	42,662	750	41.12	51.19	9.49
4,317	16,960	57,075	56,628	447	41.12	52.82	9.25
1,291	3,806	15,776	15,641	135	41.97	49.92	11.40
2,369	17,576	57,910	57,988	78	35.53	48.18	9.06
108,336	1,210,320	4,101,317	4,069,880	31,437	39.44	53.93	9.32
1,378	5,240	16,717	16,392	325	35.03	45.55	8.77
6,345	26,334	90,496	89,561	935	41.12	52.78	9.45
2,481	24,403	107,487	106,677	810	37.56	47.18	12.11
948	2,956	10,889	10,707	182	41.12	50.41	10.13
3,954	16,423	50,381	50,311	70	35.53	47.21	8.44
7,064	42,514	133,250	132,234	1,016	35.44	48.28	8.62
4,443	16,336	52,026	51,952	74	38.62	50.06	8.76
22,745	77,992	243,501	236,563	6,938	37.03	47.90	8.59
2,346	18,117	66,458	65,338	1,120	38.62	50.63	10.09
3,032	13,741	47,209	46,711	498	41.20	53.29	9.45
1,462	10,862	32,542	32,266	276	35.53	49.96	8.24
2,643	36,311	131,300	129,687	1,613	38.12	51.26	9.94
120,651	622,838	1,995,849	2,001,744	5,895	38.03	50.81	8.81
1,569	5,201	18,068	17,833	235	38.62	48.34	9.55
8,711	24,718	74,715	74,255	460	35.63	45.34	8.31
7,319	29,003	98,878	97,581	1,297	38.62	49.47	9.38
6,267	33,049	117,193	117,703	510	40.89	53.01	9.75
2,351	7,830	26,038	26,139	101	41.12	52.08	9.14
13,073	44,655	145,430	145,946	516	38.22	48.83	8.96
2,547	12,632	41,247	40,750	497	35.53	47.03	8.98
44,252	283,615	862,587	862,958	371	36.00	49.83	8.36
7,626	67,706	203,080	200,210	2,870	32.48	46.13	8.25
4,324	28,459	88,608	87,124	1,484	38.62	53.07	8.56
3,428	14,443	50,030	49,822	208	37.90	48.60	9.53

STATEMENT OF THE ALLOCATION OF T

for the

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENT STANDARD IZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Collingwood.....	15,438.5	92,763.1	500,672	39,886	11,784	.....	71
Comber.....	429.0	2,308.0	13,913	1,091	1,349	.....	13
Coniston.....	1,813.9	9,644.1	58,823	4,709	.....	75	.....
Cookstown.....	700.4	3,953.7	22,716	1,781	2,203	.....	5
Cottam.....	388.5	2,107.8	12,600	988	1,222	.....	13
Courtright.....	333.3	1,812.0	10,809	848	1,048	.....	13
Creemore.....	835.7	4,448.3	27,101	2,125	2,628	.....	11
Dashwood.....	372.0	1,925.6	12,063	946	1,170	.....	11
Deep River.....	5,704.3	34,195.4	184,991	14,810	.....	.....	23
Delaware.....	342.0	1,746.3	11,091	870	1,076	.....	12
Delhi.....	3,756.2	20,222.4	121,813	9,753	.....	.....	115
Deseronto.....	1,616.5	8,920.8	52,423	4,111	5,084	733	.....
Dorchester.....	703.5	3,679.0	22,814	1,789	2,212	.....	20
Drayton.....	631.9	3,320.3	20,492	1,607	1,987	.....	13
Dresden.....	3,115.2	16,255.8	101,026	8,089	.....	2,476	91
Drumbo.....	344.8	1,716.8	11,183	877	1,084	4	13
Dryden.....	5,640.7	32,474.4	182,928	14,346	17,740	2,604	.....
Dublin.....	377.7	1,776.4	12,248	961	1,188	.....	13
Dundalk.....	1,202.6	6,614.7	39,001	3,059	3,782	79	.....
Dundas.....	14,534.3	83,042.2	471,349	37,737	.....	5,123	43
Dunnville.....	5,313.7	31,407.4	172,325	13,797	.....	986	15
Durham.....	2,503.8	13,130.9	81,199	6,368	7,874	.....	13
Dutton.....	526.7	2,748.2	17,081	1,340	1,656	.....	13
East York.....	86,022.0	525,619.2	2,789,701	223,350	.....	22,670	258
Eganville.....*	1,027.0	4,810.7	33,307	2,612	3,230	.....	.....
Elmira.....	7,188.9	40,136.4	233,139	18,665	.....	932	21
Elmvale.....	1,193.4	6,622.4	38,702	3,035	3,753	.....	.....
Elmwood.....	275.1	1,216.4	8,921	700	865	.....	.....
Elora.....	1,556.9	8,758.5	50,490	3,964	4,671	87	4
Embro.....	618.5	3,224.9	20,057	1,573	1,945	.....	13
Embrun.....	1,486.6	7,725.6	48,210	3,781	4,675	.....	.....
Erieau.....	634.0	3,312.0	20,561	1,612	1,994	.....	13
Erie Beach.....	129.1	594.0	4,187	328	406	.....	.....
Erin.....	1,376.8	7,867.2	44,649	3,575	.....	130	.....
Espanola.....	4,515.6	25,589.3	146,442	11,724	.....	2,193	.....
Essex.....	3,201.3	18,859.2	103,820	8,312	.....	261	91
Etobicoke.....	319,736.2	2,005,127.0	10,369,077	829,878	17,396	211,089	959
Exeter.....	3,495.4	20,213.7	113,355	8,987	5,247	623	10
Fenelon Falls.....*	1,577.5	8,292.4	51,158	4,096	.....	.....	.....
Fergus.....	9,289.7	48,007.1	301,265	24,120	.....	2,713	27

* See note 8, page 68.

ST OF PRIMARY POWER TO MUNICIPALITIES

ed December 31, 1970

RETURN EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
38,230	255,099	776,930	780,725	3,795	36.28	50.32	8.38
2,831	6,347	21,156	20,793	363	41.12	49.31	9.17
2,524	26,521	87,604	87,250	354	35.07	48.30	9.08
2,013	10,873	35,910	35,492	418	38.62	51.27	9.08
1,604	5,796	20,168	20,208	40	41.12	51.91	9.57
1,369	4,983	17,319	17,203	116	41.12	51.96	9.56
3,043	12,233	41,462	41,244	218	38.62	49.61	9.32
2,103	5,295	18,487	18,582	95	41.12	49.70	9.60
8,722	94,037	287,968	285,866	2,102	35.53	50.48	8.42
1,295	4,802	17,570	17,332	238	41.12	51.37	10.06
10,115	55,612	188,332	188,065	267	38.03	50.14	9.31
5,034	24,532	82,657	82,157	500	39.07	51.13	9.27
2,349	10,117	36,694	36,472	222	41.12	52.16	9.97
2,864	9,131	32,249	31,904	345	41.12	51.03	9.71
9,323	44,703	156,317	156,668	351	38.82	50.18	9.62
1,669	4,721	17,234	17,078	156	41.13	49.98	10.04
11,261	89,305	295,662	291,703	3,959	38.58	52.42	9.10
1,486	4,885	18,929	18,972	43	41.12	50.12	10.66
3,871	18,190	60,841	59,696	1,145	38.68	50.59	9.20
43,075	228,366	743,103	743,646	543	38.38	51.13	8.95
21,395	86,370	268,024	268,355	331	38.21	50.44	8.53
8,912	36,110	123,891	123,415	476	38.62	49.48	9.44
3,608	7,558	25,607	25,367	240	41.12	48.62	9.32
281,260	1,445,453	4,457,980	4,434,175	23,805	38.29	51.82	8.48
1,797	13,229	51,095	51,298	203	38.62	49.75	10.62
23,092	110,375	361,586	360,993	593	38.16	50.30	9.01
3,761	18,212	60,538	59,794	744	38.62	50.73	9.14
1,281	3,345	12,688	12,670	18	38.62	46.12	10.43
7,049	24,086	80,920	79,490	1,430	41.03	51.98	9.24
2,568	8,868	31,731	31,602	129	41.12	51.30	9.84
1,745	21,245	76,909	75,142	1,767	38.62	51.73	9.96
2,632	9,108	32,545	32,269	276	41.12	51.33	9.83
470	1,634	6,472	6,395	77	41.12	50.13	10.90
2,225	21,635	68,452	68,970	518	35.62	49.72	8.70
5,106	70,370	225,623	222,811	2,812	35.51	49.97	8.82
10,460	51,863	163,400	162,642	758	38.11	51.04	8.66
676,125	5,514,099	17,224,623	17,249,637	25,014	38.74	53.87	8.59
13,315	55,588	180,971	180,917	54	39.68	51.77	8.95
616	22,804	78,231	76,920	1,311	35.53	49.59	9.43
23,190	132,020	464,797	467,798	3,001	38.32	50.03	9.68

STATEMENT OF THE ALLOCATION OF

for the

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARDS (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt-hours	\$	\$	\$	\$	\$
Finch.....	372.7	1,822.4	12,088	948	1,172	.....	.....
Flesherton.....	767.0	3,908.6	24,875	1,951	2,412	.....	.....
Fonthill.....	1,782.6	9,989.8	57,810	4,534	5,606	.....	.....
Forest.....	2,359.0	13,292.0	76,503	6,000	7,419	89	.....
Frankford.....	1,422.0	7,849.6	46,117	3,617	4,472	.....	.....
Galt.....	43,384.8	255,536.1	1,406,973	112,646	.....	.....	13
Georgetown.....	15,150.9	87,195.5	491,344	39,339	.....	5,140	4
Glencoe.....	1,151.4	6,067.1	37,341	2,928	3,621	23	.....
Gloucester Twp.....	31,391.4	191,808.8	1,018,026	38,470	41,741	.....	1
Goderich.....	8,858.7	51,384.0	287,289	23,001	.....	.....	2
Grand Bend.....	1,140.0	5,851.2	36,969	2,899	3,585	123	.....
Grand Valley.....	822.3	4,429.2	26,667	2,091	2,586	.....	.....
Granton.....	229.7	1,124.7	7,449	584	722	.....	.....
Gravenhurst.....	3,628.0	19,987.4	117,656	9,420	.....	190	.....
Grimsby.....	5,043.8	28,102.8	163,572	13,029	3,983	465	.....
Guelph.....	78,976.2	481,077.7	2,561,206	197,704	.....	115	23
Hagersville.....	2,812.4	12,611.4	91,207	7,175	7,536	1,667	.....
Hamilton.....	592,923.0	3,965,023.6	19,228,552	1,468,757	.....	1,331	1,63
Hanover.....	7,300.9	35,333.1	236,769	18,798	9,368	683	.....
Harriston.....	2,042.2	11,594.5	66,229	5,303	.....	357	.....
Harrow.....	2,086.7	12,270.3	67,672	5,313	6,179	445	.....
Hastings.....	787.7	4,553.6	25,545	2,003	2,477	.....	.....
Havelock.....	882.6	4,887.5	28,624	2,292	.....	.....	.....
Hawkesbury.....	10,106.8	56,597.0	327,765	26,241	.....	.....	.....
Hearst.....	4,978.7	25,915.9	161,460	12,927	.....	.....	.....
Hensall.....	1,381.7	6,909.4	44,808	3,514	4,345	.....	.....
Hespeler.....	9,757.6	52,111.8	316,440	25,335	.....	581	2
Highgate.....	405.3	1,778.4	13,144	1,031	1,275	.....	.....
Holstein.....	166.3	739.6	5,395	423	523	.....	.....
Huntsville.....	4,157.4	23,912.2	134,825	10,794	.....	.....	.....
Ingersoll.....	7,050.4	41,968.5	228,645	18,306	.....	3,971	2
Iroquois.....	1,291.5	6,788.8	41,885	3,285	4,062	.....	.....
Jarvis.....	539.4	3,070.4	17,493	1,372	1,696	.....	.....
Kapuskasing.....	6,182.5	33,402.5	200,501	16,053	.....	915	.....
Kemptville.....	3,185.9	19,158.1	103,320	8,272	.....	428	.....
Kenora.....	10,685.8	62,146.0	346,543	568	.....	.....	.....
Killaloe Station.....	513.7	2,495.0	16,660	1,333	.....	.....	.....
Kincardine.....	3,250.6	19,035.7	105,417	8,361	4,657	2,831	.....
King City.....	1,521.8	8,647.6	49,352	3,870	4,786	.....	.....
Kingston.....	62,591.4	383,007.9	2,029,846	162,514	.....	.....	3

T OF PRIMARY POWER TO MUNICIPALITIES

d December 31, 1970

RETURN EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
1,643	5,012	17,763	17,549	214	38.62	47.66	9.75
2,022	10,749	38,349	37,724	625	38.62	50.00	9.81
5,220	27,472	95,550	94,770	780	41.12	53.60	9.56
9,924	36,553	123,717	122,626	1,091	41.16	52.44	9.31
2,720	21,586	73,783	73,115	668	38.62	51.89	9.40
149,217	702,724	2,203,280	2,205,358	2,078	38.03	50.78	8.62
39,061	239,788	782,003	788,820	6,817	38.37	51.61	8.97
4,689	16,684	59,362	58,985	377	41.14	51.56	9.78
32,685	527,474	1,608,722	1,586,018	22,704	35.49	51.25	8.39
34,341	141,306	443,831	443,744	87	38.03	50.10	8.64
3,599	16,091	59,488	59,128	360	41.22	52.18	10.17
3,301	12,180	40,634	40,669	35	38.62	49.42	9.17
1,223	3,093	11,314	11,157	157	41.11	49.26	10.06
13,887	54,965	170,158	168,989	1,169	35.58	46.90	8.51
12,233	77,283	261,230	254,062	7,168	38.90	51.79	9.30
201,363	1,322,964	4,117,555	4,120,699	3,144	37.93	52.14	8.56
14,266	34,681	136,437	137,043	606	41.25	48.51	10.82
912,428	10,903,815	31,321,276	31,400,611	79,335	37.66	52.83	7.90
23,439	97,166	342,995	341,264	1,731	36.88	46.98	9.71
8,657	31,885	101,244	101,455	211	38.20	49.58	8.73
9,059	33,743	110,553	110,512	41	41.15	52.98	9.01
2,412	12,522	40,529	40,206	323	38.62	51.45	8.90
3,669	13,440	41,128	41,119	9	35.53	46.60	8.42
11,079	155,642	503,622	504,342	720	35.53	49.83	8.90
6,782	71,269	238,874	230,946	7,928	35.03	47.98	9.22
4,925	19,001	70,888	69,029	1,859	41.12	51.30	10.26
35,629	143,307	479,307	476,277	3,030	38.09	49.12	9.20
1,750	4,891	19,807	19,584	223	41.12	48.87	11.14
698	2,034	7,760	7,708	52	38.63	46.66	10.49
17,546	65,759	195,911	194,073	1,838	35.53	47.12	8.19
40,222	115,413	347,264	347,897	633	38.59	49.25	8.27
3,518	18,669	65,029	64,000	1,029	38.62	50.35	9.58
3,224	8,444	27,399	27,230	169	41.12	50.80	8.92
11,075	91,857	298,251	297,392	859	35.17	48.24	8.93
9,125	52,685	157,173	155,111	2,062	35.66	49.33	8.20
4,654	170,902	513,359	512,143	1,216	32.48	48.04	8.26
1,017	6,861	24,094	24,279	185	35.53	46.90	9.66
14,390	52,348	160,849	159,585	1,264	37.81	49.48	8.45
2,570	23,781	83,784	83,149	635	41.12	55.06	9.69
177,881	1,053,272	3,099,047	3,077,142	21,905	35.53	49.51	8.09

STATEMENT OF THE ALLOCATION OF T

for the

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENT STAND- IZATIONS (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Kingsville.....	3,751.0	20,223.7	121,644	9,597	8,434	3,424	1
Kirkfield.....	168.3	838.0	5,459	428	529	.....	40
Kitchener.....	134,203.3	788,592.5	4,352,227	7,136	.....	.....	.....
Lakefield.....	2,300.5	13,276.8	74,607	5,851	7,235	.....	.....
Lambeth.....	1,691.6	9,257.6	54,860	4,302	5,320	34	.....
Lanark.....	723.5	3,500.3	23,462	1,840	2,275	.....	.....
Lancaster.....	489.1	2,717.9	15,862	1,244	1,538	.....	.....
Larder Lake Twp.....	994.1	5,804.6	32,237	2,528	3,126	621	.....
Latchford.....	357.1	1,952.0	11,581	927	.....	.....	.....
Leamington.....	10,713.5	62,364.6	347,439	27,735	4,842	2,539	3
Lindsay.....	16,464.2	120,269.2	533,937	42,748	.....	4,930	.....
Listowel.....	5,596.1	30,592.3	181,483	14,530	.....	236	1
London.....	206,005.4	1,229,879.2	6,680,777	534,878	.....	.....	61
L'Orignal.....	961.4	5,580.6	31,179	2,445	3,024	.....	.....
Lucan.....	971.1	5,318.4	31,492	2,470	3,054	.....	.....
Lucknow.....	1,111.1	5,811.2	36,034	2,826	3,494	19	.....
Lynden.....	467.0	2,665.2	15,145	1,188	1,469	.....	.....
Madoc.....	1,589.9	8,820.0	51,560	4,044	5,000	.....	.....
Magnetawan.....	167.8	924.0	5,442	436	.....	.....	.....
Markdale.....	1,316.5	7,469.6	42,695	3,348	4,140	.....	.....
Markham.....	10,123.7	57,547.9	328,312	25,937	20,587	8,615	3
Marmora.....	1,156.3	6,451.2	37,498	2,941	3,637	662	.....
Martintown.....	203.3	1,036.0	6,593	517	639	.....	.....
Massey.....	908.0	5,397.6	29,447	2,357	.....	.....	.....
Maxville.....	907.9	4,613.4	29,442	2,309	2,855	.....	.....
McGarry Twp.....	854.3	4,666.8	27,705	2,173	2,687	.....	.....
Meaford.....	4,979.1	27,161.9	161,474	12,865	3,717	1,768	.....
Merlin.....	554.8	2,968.8	17,992	1,411	1,745	.....	.....
Merrickville.....	841.8	4,333.4	27,299	2,141	2,647	.....	.....
Midland.....	14,600.4	82,231.1	473,492	37,909	.....	863	.....
Mildmay.....	642.7	4,085.0	20,843	1,635	2,021	.....	.....
Millbrook.....	657.3	3,655.8	21,318	1,672	2,067	.....	.....
Milton.....	8,344.1	50,398.4	270,600	21,602	3,732	3,782	2
Milverton.....	1,244.6	6,329.9	40,363	3,165	3,914	65	.....
Mississauga.....	189,772.9	1,226,053.6	6,154,355	492,691	2,387	92,475	56
Mitchell.....	3,173.0	16,880.0	102,901	8,239	.....	2,800	.....
Moorefield.....	405.2	2,162.5	13,141	1,031	1,274	.....	.....
Morrisburg.....	2,026.8	11,446.8	65,729	5,155	6,374	1,032	.....
Mount Brydges.....	710.5	3,860.9	23,042	1,807	2,235	.....	.....
Mount Forest.....	3,203.1	17,960.2	103,876	8,227	5,312	526	.....

COST OF PRIMARY POWER TO MUNICIPALITIES

December 31, 1970

TURN EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
12,130	55,615	197,837	192,863	4,974	41.15	52.74	9.78
714	2,305	8,091	7,969	122	38.62	48.07	9.66
25,027	2,168,629	6,535,575	6,559,804	24,229	35.48	48.70	8.29
7,237	36,511	118,117	117,100	1,017	38.62	51.34	8.90
4,676	25,458	90,373	89,833	540	41.14	53.42	9.76
2,174	9,626	35,391	35,212	179	38.62	48.92	10.11
1,686	7,474	24,677	24,322	355	38.62	50.45	9.08
2,978	15,963	51,497	51,409	88	38.74	51.80	8.87
564	5,368	17,312	17,286	26	35.03	48.48	8.87
35,640	171,503	550,559	552,413	1,854	38.71	51.39	8.83
50,783	281,240	820,304	819,362	942	35.83	49.82	8.02
21,721	84,129	275,445	275,072	373	38.07	49.22	9.00
29,742	3,382,168	10,586,097	10,596,351	10,254	38.03	51.39	8.61
1,489	15,347	50,987	50,105	882	38.62	53.03	9.14
3,975	14,626	50,580	50,206	374	41.12	52.09	9.51
5,825	15,981	53,085	52,530	555	38.64	47.78	9.13
2,195	7,329	24,337	24,366	29	41.12	52.11	9.13
4,845	24,255	80,809	79,141	1,668	38.62	50.83	9.16
366	2,541	8,137	8,106	31	35.53	48.49	8.81
3,863	20,541	67,519	65,762	1,757	38.62	51.29	9.04
14,630	158,257	557,449	561,360	3,911	40.88	55.06	9.69
3,579	17,741	59,478	59,160	318	39.19	51.44	9.22
805	2,849	9,895	9,751	144	38.62	48.67	9.55
1,518	14,843	45,129	44,887	242	35.03	49.70	8.36
3,044	12,687	44,703	43,951	752	38.62	49.24	9.69
2,980	12,834	42,419	42,761	342	38.12	49.65	9.09
15,266	74,695	241,743	237,589	4,154	46.62	48.55	8.90
2,384	8,164	28,592	28,192	400	41.12	51.54	9.63
1,783	11,917	42,642	42,373	269	38.62	50.66	9.84
52,989	226,136	692,711	692,447	264	35.59	47.44	8.42
2,427	11,234	33,627	33,373	254	38.62	52.32	8.23
2,020	10,054	33,420	33,241	179	38.62	50.84	9.14
25,269	138,595	438,074	439,970	1,896	38.92	52.50	8.69
7,364	17,407	61,284	60,527	757	41.17	49.24	9.68
251,970	3,371,647	10,430,904	10,376,053	54,851	38.53	54.97	8.51
11,888	46,420	157,991	157,876	115	38.91	49.79	9.36
1,622	5,947	20,987	20,948	39	41.12	51.79	9.71
5,587	31,479	105,195	102,907	2,288	39.13	51.90	9.19
2,224	10,617	37,609	37,570	39	41.12	52.93	9.74
11,024	49,390	157,909	155,104	2,805	37.32	49.30	8.79

STATEMENT OF THE ALLOCATION OF

for the

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQ STAN IZAT (No
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt-hours	\$	\$	\$	\$	
Napanee.....	4,862.8	25,558.1	157,702	12,513	6,656	1,857	
Nepean Twp.....	61,879.8	375,362.1	2,006,768	71,190	4,204	1,497	
Neustadt.....	478.2	2,202.4	15,509	1,216	1,504		
Newboro.....	245.8	1,294.5	7,972	625	773		
Newburgh.....	419.0	2,285.6	13,589	1,066	1,318		
Newbury.....	303.3	1,458.0	9,836	771	954		
Newcastle.....	1,848.2	10,584.1	59,936	4,798			
New Hamburg.....	2,972.6	15,531.4	96,402	7,579	8,212	807	
Newmarket.....	11,133.3	65,632.1	361,054	28,648	15,294	7,683	
Niagara.....	2,254.2	13,275.7	73,104	5,853		1,299	
Niagara Falls.....	50,055.2	310,944.1	1,623,295	129,965		27,919	1
Nipigon Twp.....	2,118.3	13,417.1	68,698	5,387	6,662		
North Bay.....	45,554.8	273,914.9	1,477,347	118,279		36,422	
North York.....	456,931.8	2,743,977.3	14,818,345	1,174,432			1,3
Norwich.....	1,141.6	6,416.0	37,023	2,903	3,590	862	
Norwood.....	951.8	5,214.5	30,865	2,421	2,993		
Oakville.....	102,235.8	706,525.3	3,315,517	265,260	11,125	43,170	30
Oil Springs.....	406.9	2,379.5	13,196	1,035	1,280		
Omeme.....	558.7	3,509.9	18,120	1,421	1,757		
Orangeville.....	7,457.4	42,136.8	241,844	19,248	6,801	5,494	
Orillia.....*	16,198.3	84,320.6	525,312	42,057		11,112	
Orono.....	913.2	5,068.5	29,614	2,323	2,872		
Oshawa.....	114,762.6	663,459.5	3,721,764	297,973			
Ottawa.....*	357,250.4	2,136,553.9	11,585,667	786,710	1,236		1
Otterville.....	513.0	2,709.3	16,636	1,305	1,613		
Owen Sound.....	21,439.3	131,227.0	695,279	55,372	16,263		
Paisley.....	816.3	4,148.9	26,473	2,119			
Palmerston.....	1,701.9	9,642.5	55,193	4,418		673	
Paris.....	6,011.9	31,554.0	194,964	15,610		3,847	
Parkhill.....	1,259.1	6,195.4	40,832	3,202	3,960		
Parry Sound.....*	4,984.7	29,975.2	161,653	12,942		458	
Pembroke.....*	6,377.4	28,281.2	206,819	16,558		10,847	
Penetanguishene.....	4,570.2	27,407.4	148,212	11,866		1,183	
Perth.....	6,720.2	36,886.5	217,936	17,448			
Peterborough.....	68,276.2	434,093.2	2,214,204	177,274			
Petrolia.....	3,237.2	17,387.4	104,984	8,258	8,699	480	
Petrolia Water Works.....	176.6	982.5	5,727	449	555		
Pickering.....	1,554.7	8,916.4	50,420	3,954	4,889		
Picton.....	4,999.6	27,999.0	162,138	12,981		212	
Plantagenet.....	982.7	5,107.9	31,871	2,499	3,091		

* See note 8, page 68.

T OF PRIMARY POWER TO MUNICIPALITIES

1 December 31, 1970

TURN EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
19,585	70,285	231,859	228,351	3,508	37.25	47.68	9.07
56,334	1,032,246	3,090,511	3,057,461	33,050	34.17	49.94	8.23
1,757	6,057	22,768	22,642	126	38.62	47.61	10.34
412	3,560	12,641	12,260	381	38.62	51.43	9.77
974	6,286	21,495	20,839	656	38.62	51.30	9.40
1,022	4,010	15,459	15,684	225	41.12	50.97	10.60
3,972	29,106	90,792	89,673	1,119	35.53	49.12	8.58
10,391	42,711	154,238	153,442	796	41.01	51.89	9.93
24,294	180,488	602,273	596,875	5,398	40.07	54.10	9.18
10,144	36,508	113,383	113,696	313	38.60	50.30	8.54
84,253	855,096	2,602,188	2,611,873	9,685	38.58	51.99	8.37
6,268	36,897	111,376	110,376	1,000	38.12	52.58	8.30
108,350	753,266	2,276,964	2,239,590	37,374	35.83	49.98	8.31
169,383	7,545,938	24,240,127	24,142,569	97,558	38.00	53.05	8.83
6,739	17,644	58,708	58,265	443	41.87	51.43	9.15
3,182	14,340	47,913	47,116	797	38.62	50.34	9.19
158,284	1,942,944	5,726,439	5,719,252	7,187	38.56	56.01	8.11
3,327	6,544	19,949	19,983	34	41.12	49.03	8.38
2,049	9,652	29,180	29,232	52	38.62	52.23	8.31
18,276	115,876	374,716	377,317	2,601	37.16	50.25	8.89
22,586	231,882	795,876	785,951	9,925	36.21	49.13	9.44
2,230	13,938	46,974	48,658	1,684	38.62	51.44	9.27
327,986	1,824,514	5,573,646	5,598,516	24,870	35.53	48.57	8.40
618,141	5,875,523	17,809,620	17,805,905	3,715	35.14	49.85	8.34
2,321	7,451	26,223	26,045	178	41.12	51.12	9.68
74,216	360,874	1,064,292	1,059,849	4,443	36.27	49.64	8.11
3,148	11,410	37,262	37,058	204	35.53	45.65	8.98
8,891	26,517	83,016	82,844	172	38.42	48.78	8.61
24,792	86,774	294,439	290,607	3,832	38.67	48.98	9.33
5,479	17,037	63,329	63,102	227	41.12	50.30	10.22
8,947	82,432	251,030	251,222	192	35.62	50.36	8.37
2,730	77,773	312,456	303,212	9,244	37.23	48.99	11.05
15,605	75,370	223,311	222,657	654	35.79	48.86	8.15
24,518	101,438	315,664	312,853	2,811	35.53	46.97	8.56
200,242	1,193,756	3,419,130	3,427,006	7,876	35.53	50.08	7.88
17,587	47,815	162,361	159,670	2,691	40.82	50.15	9.34
.....	2,702	9,963	9,697	266	41.12	56.42	10.14
2,167	24,520	82,393	80,267	2,126	38.62	53.00	9.24
21,624	76,997	233,204	232,844	360	35.57	46.64	8.33
1,356	14,047	50,643	49,711	932	38.62	51.53	9.91

STATEMENT OF THE ALLOCATION OF

for the

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQ. STAN- DAR- IZA- (No
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	
Plattsville.....	959.8	4,790.4	31,127	2,441	3,019	.....
Point Edward.....	7,064.8	35,332.8	229,114	18,259	5,021	.....
Port Burwell.....	338.3	1,875.7	10,973	860	1,064	.....	33
Port Colborne.....	14,469.6	91,016.9	469,250	37,569	.....	2,149	
Port Credit.....	18,671.7	138,452.8	605,524	48,480	.....	7,825	
Port Dover.....	2,511.0	14,864.7	81,433	6,520	.....	1,872	
Port Elgin.....	3,254.0	19,568.1	105,528	8,276	10,234	44	
Port Hope.....	11,682.4	66,761.3	378,862	30,332	.....	3,010	
Port McNicoll.....	1,569.2	6,486.8	50,890	3,991	4,935	884	
Port Perry.....	2,861.6	16,692.6	92,802	7,430	.....	777	
Port Rowan.....	505.5	2,818.4	16,393	1,286	1,590	.....
Port Stanley.....	1,390.6	7,964.3	45,096	3,537	4,373	2,149	
Prescott.....	5,098.9	28,260.3	165,357	13,239	.....	1,114	
Preston.....	17,662.5	97,683.3	572,797	45,845	811	.....
Priceville.....	100.7	459.6	3,265	256	317	.....
Princeton.....	425.0	2,183.2	13,783	1,081	1,337	.....
Queenston.....	430.7	2,394.0	13,968	1,095	1,355	.....
Rainy River.....	1,103.6	6,336.0	35,791	2,807	3,471	264	
Red Rock.....	1,065.0	5,993.2	34,538	2,766	.....	434	
Renfrew.....*	6,742.8	36,942.6	218,669	17,508	.....	516	
Richmond.....	1,780.5	10,222.1	57,743	4,528	5,600	.....
Richmond Hill.....	17,928.4	109,238.1	581,419	46,375	.....	6,440	
Ridgetown.....	2,559.6	13,098.1	83,007	6,614	1,919	1,410	
Ripley.....	551.0	2,905.6	17,868	1,401	1,733	.....
Rockland.....	2,162.5	12,125.4	70,130	5,500	6,801	.....
Rockwood.....	717.3	4,024.0	23,262	1,824	2,256	.....
Rodney.....	737.0	3,985.0	23,900	1,874	2,318	.....
Rosseau.....	263.5	1,310.4	8,545	684	.....	.....
Russell.....	629.3	3,565.8	20,409	1,600	1,979	.....
St. Catharines.....	138,641.8	829,098.5	4,496,168	359,965	480	380	4
St. Clair Beach.....	1,517.6	8,363.2	49,216	3,860	4,773	.....
St. George.....	831.9	4,436.4	26,977	2,116	2,616	.....
St. Jacobs.....	1,053.7	5,621.9	34,171	2,680	3,314	.....
St. Mary's.....	4,555.8	25,711.8	147,746	11,829	.....	.....
St. Thomas.....	26,700.2	153,363.5	865,891	69,312	756	.....
Sandwich West Twp.....	6,778.0	38,498.4	219,812	17,512	5,114	5,981	
Sarnia.....	58,068.4	383,422.6	1,883,165	150,100	.....	183,245	1
Scarborough.....	284,560.5	1,706,800.9	9,228,327	738,485	13,066	.....	8
Schreiber Twp.....	1,746.7	10,617.8	56,645	4,442	5,493	179	
Seaforth.....	2,280.6	11,801.8	73,959	5,921	.....	569	

* See note 8, page 68.

OF PRIMARY POWER TO MUNICIPALITIES

December 31, 1970

MUNICIPALITY (See 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
	\$	\$	\$	\$			
399	13,174	49,241	49,972	731	41.12	51.30	10.28
022	97,165	345,731	353,509	7,778	38.73	48.94	9.78
348	5,158	17,755	17,662	93	41.22	52.48	9.47
1,248	250,297	758,426	762,409	3,983	38.18	52.42	8.33
1,753	380,745	1,056,836	1,054,908	1,928	38.45	56.60	7.63
1,672	40,878	127,564	127,444	120	38.77	50.80	8.58
1,166	53,812	171,355	167,488	3,867	38.63	52.66	8.76
1,679	183,594	562,960	558,285	4,675	35.78	48.19	8.43
1,777	17,839	74,547	74,877	330	39.18	47.51	11.49
1,757	45,905	140,588	140,114	474	35.80	49.13	8.42
2,115	7,751	26,422	26,211	211	41.12	52.27	9.37
1,691	21,902	72,538	72,768	230	42.66	52.16	9.11
1,718	77,716	241,257	239,372	1,885	35.74	47.32	8.54
1,966	268,629	882,104	875,474	6,630	38.07	49.94	9.03
1,310	1,264	4,842	4,746	96	38.61	48.08	10.54
2,153	6,004	21,237	21,015	312	41.12	50.18	9.77
1,959	6,583	22,334	22,205	129	41.12	51.86	9.33
1,681	17,424	58,076	56,506	1,570	38.36	52.62	9.17
2,839	16,481	51,380	51,209	171	35.43	48.24	8.57
5,290	101,592	326,366	326,335	31	35.60	48.40	8.83
2,751	28,111	94,121	92,543	1,578	38.62	52.86	9.21
3,101	300,405	955,323	954,337	986	38.38	53.29	8.75
0,017	36,020	126,632	126,635	3	39.31	49.47	9.67
2,292	7,990	26,976	26,442	534	38.62	48.96	9.28
3,622	33,345	113,235	111,987	1,248	38.62	52.36	9.34
2,737	11,066	37,823	37,564	259	41.12	52.73	9.40
3,486	10,959	37,776	37,810	34	41.12	51.26	9.48
966	3,604	11,999	11,927	72	35.53	45.54	9.16
1,844	9,806	32,265	32,519	254	38.62	51.27	9.05
15,776	2,280,021	7,137,163	7,194,056	56,893	38.03	51.48	8.61
2,994	22,999	82,407	81,665	742	41.12	54.30	9.85
3,272	12,200	43,133	41,822	1,311	41.12	51.85	9.72
4,168	15,460	54,618	54,444	174	41.12	51.83	9.72
37,737	70,707	206,212	206,857	645	38.03	45.26	8.02
07,662	421,750	1,330,148	1,334,697	4,549	38.05	49.82	8.67
9,392	105,871	365,232	363,190	2,042	39.65	53.88	9.49
27,922	1,054,412	2,933,960	2,961,497	27,537	38.01	50.53	7.65
88,177	4,693,703	15,222,331	15,135,599	86,732	38.72	53.49	8.92
4,387	29,199	91,571	90,568	1,003	38.22	52.43	8.62
11,295	32,455	108,451	109,363	912	38.28	47.55	9.19

STATEMENT OF THE ALLOCATION OF

for the

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARD IZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Shelburne.....	1,722.7	9,857.1	55,868	4,381	5,418	.....	.....
Simcoe.....	13,615.0	80,385.2	441,536	35,338	698	5,093	.....
Sioux Lookout.....	2,546.0	15,208.8	82,567	6,475	8,007	.....	.....
Smiths Falls.....	11,818.6	67,046.6	383,277	30,686	.....	258	.....
Southampton.....	2,441.2	14,246.4	79,169	6,209	7,677	1,629	.....
South Grimsby Twp.....	732.3	3,905.6	23,749	1,862	2,303	.....	.....
South River.....	842.1	4,681.6	27,309	2,187	.....	.....	.....
Springfield.....	305.1	1,724.1	9,894	776	960	43	.....
Stayner.....	1,754.5	9,852.9	56,899	4,462	5,518	.....	.....
Stirling.....	1,472.0	8,087.5	47,737	3,822	.....	.....	.....
Stoney Creek.....	5,802.5	31,438.4	188,176	14,763	17,889	397	.....
Stouffville.....	4,117.6	22,486.0	133,534	10,691	.....	7,692	.....
Stratford.....	30,752.6	177,414.9	997,310	79,847	.....	.....	.....
Strathroy.....	6,733.2	36,813.0	218,357	17,482	.....	3,982	.....
Streetsville.....	5,660.1	33,135.6	183,557	14,696	.....	3,008	.....
Sturgeon Falls.....	4,596.6	25,736.6	149,068	11,934	.....	2,239	.....
Sudbury.....	68,035.4	420,996.2	2,206,395	176,649	.....	53,283	.....
Sunderland.....	636.0	3,523.2	20,626	1,618	2,000	.....	.....
Sundridge.....	882.5	4,870.8	28,620	2,291	.....	.....	.....
Sutton.....	2,429.7	14,445.8	78,796	6,179	7,641	.....	.....
Tara.....	895.7	5,294.4	29,048	2,278	2,817	.....	.....
Tavistock.....	1,705.9	8,993.4	55,323	4,339	5,365	934	.....
Tecumseh.....	3,427.2	19,639.8	111,145	8,898	.....	2,067	.....
Teeswater.....	1,322.5	6,751.1	42,889	3,386	2,796	.....	.....
Terrace Bay Twp.....	1,865.2	12,099.5	60,489	4,843	.....	.....	.....
Thamesford.....	1,411.3	8,088.0	45,769	3,589	4,438	.....	.....
Thamesville.....	1,122.7	5,282.7	36,409	2,855	3,531	.....	.....
Thedford.....	690.4	3,878.0	22,391	1,756	2,171	.....	.....
Thessalon.....	1,480.6	8,339.5	48,016	3,845	.....	1,378	.....
Thornbury.....	1,492.4	8,235.2	48,399	3,796	4,694	.....	.....
Thorndale.....	327.8	1,634.4	10,629	834	1,031	16	.....
Thornton.....	249.4	1,250.8	8,088	634	784	.....	.....
Thorold.....	6,276.7	35,551.5	203,553	16,297	.....	504	.....
Thunder Bay.....*	113,287.1	681,863.6	3,673,913	294,100	2,458	7,466	.....
Tilbury.....	3,356.1	16,791.6	108,839	8,713	.....	2,226	.....
Tillsonburg.....	7,840.7	42,641.1	254,274	20,358	.....	.....	.....
Toronto.....	850,296.2	5,352,009.1	27,575,192	1,888,374	.....	8,385	2,500
Tottenham.....	920.2	4,668.8	29,841	2,340	2,894	.....	.....
Trenton.....	20,789.3	130,950.4	674,199	53,977	.....	.....	.....
Tweed.....	2,064.1	11,177.6	66,939	5,360	.....	284	.....

* See note 8, page 68.

OF PRIMARY POWER TO MUNICIPALITIES

December 31, 1970

TURN EQUITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
5,768	27,107	87,867	85,635	2,232	38.62	51.01	8.91
41,899	221,059	702,670	703,237	567	38.45	51.61	8.74
8,910	41,824	129,963	128,380	1,583	38.12	51.05	8.55
40,027	184,378	564,481	561,352	3,129	35.55	47.76	8.42
7,318	39,178	127,765	124,451	3,314	39.29	52.34	8.97
2,775	10,740	38,076	37,852	224	41.12	52.00	9.75
871	12,875	41,500	41,187	313	35.03	49.28	8.86
1,758	4,741	15,571	15,304	267	41.26	51.04	9.03
5,582	27,095	89,269	88,565	704	38.62	50.88	9.06
4,609	22,241	69,927	69,281	646	35.53	47.50	8.65
11,985	86,456	313,104	310,500	2,604	41.13	53.96	9.96
9,754	61,836	216,352	209,195	7,157	39.89	52.54	9.62
19,537	487,891	1,537,769	1,544,761	6,992	38.03	50.00	8.67
22,956	101,236	338,301	340,126	1,825	38.62	50.24	9.19
11,212	91,123	298,152	294,012	4,140	38.56	52.68	9.00
8,288	70,776	225,729	223,848	1,881	35.51	49.11	8.77
164,108	1,157,740	3,429,959	3,385,117	44,842	35.81	50.41	8.15
2,391	9,689	31,860	31,780	80	38.62	50.09	9.04
1,530	13,395	43,217	43,135	82	35.53	48.97	8.87
6,794	39,726	132,837	129,759	3,078	41.12	54.67	9.20
2,716	14,560	46,435	46,244	191	38.62	51.84	8.77
8,480	24,732	87,331	86,666	665	41.67	51.19	9.71
9,289	54,009	177,112	176,840	272	38.63	51.68	9.02
4,257	18,565	64,040	63,652	388	37.60	48.42	9.49
5,202	33,273	93,403	93,144	259	35.03	50.08	7.72
4,598	22,242	75,674	74,689	985	41.12	53.62	9.36
4,764	14,528	55,927	55,787	140	41.12	49.81	10.59
2,881	10,665	36,173	36,034	139	41.12	52.39	9.33
2,085	22,934	74,088	74,003	85	35.96	50.04	8.88
3,247	22,647	77,035	76,249	786	38.62	51.62	9.35
1,641	4,495	16,347	16,167	180	41.16	49.87	10.00
845	3,440	12,226	12,292	66	38.62	49.02	9.77
48,539	97,767	288,412	291,207	2,795	38.11	45.95	8.11
558,172	1,875,125	5,294,890	5,234,911	59,979	35.11	46.74	7.77
13,115	46,177	162,908	163,180	272	38.69	48.54	9.70
26,685	117,263	388,732	390,020	1,288	38.03	49.58	9.12
198,680	14,718,025	42,542,185	42,513,311	28,874	37.66	50.03	7.95
2,747	12,839	45,627	43,941	1,686	38.62	49.58	9.77
64,710	360,114	1,033,975	1,031,534	2,441	35.53	49.74	7.90
6,008	30,738	98,345	98,147	198	35.66	47.65	8.80

STATEMENT OF THE ALLOCATION OF

for the

MUNICIPALITY	PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR (Principal Bases of Cost Allocation)		COMMON DEMAND COSTS (Note 1)	TRANSFORMATION AND METERING (Note 2)		SPECIAL FACILITIES (Note 3)	FREQUENCY STANDARD IZATION (Note 4)
	Average of Monthly Peak Loads	Energy		Stage I	Stage II		
	kw	megawatt- hours	\$	\$	\$	\$	\$
Uxbridge.....	3,469.9	17,723.0	112,529	9,010	.....	46	.....
Vankleek Hill.....	1,393.1	7,041.6	45,177	3,543	4,381	.....	.....
Vaughan Twp.....	31,074.6	192,071.7	1,007,753	80,677	371	21,490	.....
Victoria Harbour.....	894.6	4,936.0	29,011	2,275	2,813	.....	.....
Walkerton.....	5,875.7	33,172.8	190,549	15,255	.....	4,374	.....
Wallaceburg.....	19,033.7	110,733.9	617,267	49,420	.....	5,404	.....
Wardsville.....	288.0	1,599.0	9,340	732	906	90	.....
Warkworth.....	486.5	2,570.0	15,777	1,237	1,530	.....	.....
Wasaga Beach.....	1,431.4	6,859.5	46,420	3,640	4,502	.....	.....
Waterdown.....	1,680.9	9,794.4	54,513	4,275	5,286	.....	.....
Waterford.....	2,068.0	10,147.2	67,065	5,283	5,087	237	.....
Waterloo.....	46,094.8	292,377.1	1,494,859	2,451	.....	.....	1
Watford.....	1,959.0	10,441.3	63,531	5,028	3,442	43	.....
Waubausene.....	574.7	3,182.4	18,637	1,462	1,807	.....	.....
Webbwood.....	330.5	1,741.9	10,718	859	.....	.....	.....
Welland.....	41,707.5	239,626.0	1,352,578	108,291	.....	.....	1
Wellesley.....	670.9	3,356.9	21,758	1,706	2,110	.....	.....
Wellington.....	874.8	4,790.0	28,370	2,225	2,751	.....	.....
West Lorne.....	1,565.0	7,397.0	50,754	3,980	4,922	.....	.....
Westport.....	599.4	3,328.0	19,439	1,524	1,885	.....	.....
Wheatley.....	1,181.2	6,675.1	38,307	3,004	3,715	.....	.....
Whitby.....	26,442.6	155,889.7	857,536	68,565	1,247	8,899	.....
Warton.....	2,078.6	12,046.6	67,409	5,286	6,537	.....	.....
Williamsburg.....	325.3	1,644.8	10,549	827	1,023	.....	.....
Winchester.....	2,382.3	13,950.5	77,259	6,092	5,518	170	.....
Windermere.....	266.7	1,167.0	8,649	692	.....	.....	.....
Windsor.....	206,729.9	1,274,324.4	6,704,272	536,759	.....	608	62
Wingham.....	4,229.3	23,005.4	137,157	10,981	.....	1,189	.....
Woodbridge.....	2,780.9	17,728.7	90,184	7,103	6,993	.....	.....
Woodstock.....	34,782.1	202,091.0	1,127,986	90,309	.....	.....	10
Woodville.....	366.7	1,919.2	11,892	933	1,153	.....	.....
Wyoming.....	1,020.0	5,270.4	33,078	2,594	3,208	84	.....
York.....	102,304.8	644,003.2	3,317,755	265,627	.....	101	30
Zurich.....	715.5	3,767.6	23,203	1,820	2,250	.....	.....
Total Municipalities.....	6,363,179.5	38,847,874.6	206,358,571	15,325,660	939,657	1,052,645	14,93

OF PRIMARY POWER TO MUNICIPALITIES

December 31, 1970

TURN QUANTITY (Note 5)	ENERGY @ 2.75 MILLS PER KWH (Note 6)	COST OF PRIMARY POWER ALLOCATED	AMOUNTS BILLED AT INTERIM RATES	BALANCE (Refunded or Charged)	DEMAND COST (Note 7)	TOTAL COST OF PRIMARY POWER	
					\$ per Kw	\$ per Kw	Mills per Kwh
\$	\$	\$	\$	\$			
9,490	48,738	162,568	163,443	875	35.54	46.85	9.17
2,148	19,364	71,014	70,536	478	38.62	50.98	10.08
10,412	528,197	1,701,300	1,619,242	82,058	38.73	54.75	8.86
2,177	13,574	45,943	45,439	504	38.62	51.36	9.31
15,096	91,225	289,245	288,698	547	36.27	49.23	8.72
53,765	304,518	969,945	979,609	9,664	38.31	50.96	8.76
1,148	4,397	15,181	15,190	9	41.43	52.71	9.49
1,588	7,068	24,267	23,821	446	38.62	49.88	9.44
2,484	18,864	71,658	70,534	1,124	38.62	50.06	10.45
5,670	26,935	90,382	89,963	419	41.12	53.77	9.23
7,699	27,905	104,082	103,989	93	40.56	50.33	10.26
97,656	804,037	2,341,975	2,338,551	3,424	35.48	50.81	8.01
7,624	28,714	99,011	98,595	416	39.78	50.54	9.48
1,788	8,752	29,157	28,964	193	38.62	50.73	9.16
492	4,790	15,875	15,738	137	35.03	48.03	9.11
22,233	658,971	2,122,730	2,121,391	1,339	38.03	50.90	8.86
2,920	9,232	33,899	33,674	225	41.12	50.53	10.10
3,793	13,173	43,163	41,944	1,219	38.62	49.34	9.01
6,799	20,342	77,894	78,097	203	41.12	49.77	10.53
2,220	9,152	30,080	29,567	513	38.62	50.18	9.04
5,044	18,357	61,883	61,755	128	41.12	52.39	9.27
53,859	428,697	1,324,306	1,331,206	6,900	35.91	50.08	8.50
7,287	33,128	106,112	105,327	785	38.62	51.05	8.81
1,606	4,523	15,479	15,354	125	38.62	47.58	9.41
7,023	38,364	121,571	119,730	1,841	37.88	51.03	8.71
950	3,209	11,733	11,337	396	35.52	43.99	10.05
756,348	3,504,392	10,609,873	10,525,168	84,705	38.03	51.32	8.33
14,155	63,265	200,552	199,553	999	35.81	47.42	8.72
11,328	48,754	150,049	149,001	1,048	40.50	53.96	8.46
114,763	555,750	1,763,628	1,765,259	1,631	38.03	50.71	8.73
1,563	5,278	17,876	17,596	280	38.62	48.75	9.31
2,648	14,494	53,870	53,643	227	41.20	52.81	10.22
364,428	1,771,009	5,296,978	5,300,841	3,863	38.03	51.78	8.23
2,988	10,361	36,793	36,234	559	41.12	51.42	9.77
687,629	106,831,667	326,753,133	326,073,578	679,555			

Notes on following page.

NOTES

1. Certain functions in the production and supply of power are considered to be used by all customers in relation to kilowatt demand requirements. Therefore the associated costs are allocated at a common rate to all customers.
2. Stage I transformation and metering costs are those associated with transformation at high-voltage stations from 115 kv to a voltage less than 115 kv but exceeding 10 kv. These costs are allocated on a kilowatt basis to all customers requiring the service.
Stage II transformation and metering costs are those associated with transformation at low-voltage stations from 44 kv, 27.6 kv, 13.8 kv or similar voltages to a delivery voltage of less than 10 kv. These costs are allocated on a kilowatt basis to all customers requiring the service.
3. Special facilities costs are those associated with line facilities within a municipality's boundaries, that serve only that municipality, and the charges for providing standby facilities for municipalities requiring that service.
4. Frequency standardization assessments are made to customers of the former Southern Ontario System at the rate of \$3.00 per kilowatt to all customers who were converted to 60-cycle frequency, and \$.50 per kilowatt to all non-converted 60-cycle customers.
5. Return on equity is calculated at 4% on equities accumulated through debt retirement charges after giving recognition to direct customers' contributions for debt retirement prior to 1966. The cost of providing the return on equity is included in common demand costs.
6. The portion of the cost of power attributable to producing energy, rather than meeting demand requirements, has been classified as energy costs. For allocation purposes, this cost has been established at 2.75 mills per kwh.
7. The demand cost is the per kilowatt cost of primary power, exclusive of energy cost.
8. The asterisk indicates that this particular utility operates its own generating facilities for the supply of part of its power requirement. The amounts shown in this statement relate only to the power and energy supplied by The Hydro-Electric Power Commission of Ontario. For more complete details on the cost of providing service within any municipal electrical utility, the reader is referred to the statements in the Municipal Electrical Service Supplement.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

STATEMENT OF THE ALLOCATION OF THE COST OF
PRIMARY POWER

for the Year Ended December 31, 1970

	MUNICIPALITIES	POWER DISTRICT		TOTAL
		Retail Customers (Note 1)	Direct Customers	
	\$	\$	\$	\$
COST OF PRIMARY POWER				
Cost, excluding items shown below.....	297,310,583	119,371,252	81,829,808	498,511,643
Frequency standardization assessments (Note 2).....	14,932,562	1,852,046	1,189,647	17,974,255
Cost of return on equity.....	18,506,071	3,625,213	4,809,763	26,941,047
Return on equity.....	18,687,629	3,558,175	4,695,243	26,941,047
Total before reserve provision.....	312,061,587	121,290,336	83,133,975	516,485,898
Provision and interest - reserve for stabilization of rates and contingencies....	14,691,546	2,877,970	3,818,361	21,387,877
Cost of primary power allocated to customers..	326,753,133	124,168,306	86,952,336	537,873,775
AMOUNTS BILLED FOR PRIMARY POWER.....	326,073,578	120,531,494	87,141,611	533,746,683
EXCESS (Deficiency) OF AMOUNTS BILLED OVER COSTS				
Charged to Municipalities.....	679,555	.....	.....	679,555
Withdrawal from the reserve for stabilization of rates and contingencies, retail and direct customers, to offset net deficit on sales to these customers.....	.....	3,636,812	189,275	3,447,537

NOTES

1. The cost of primary power allocated to retail customers totalling \$124,168,306 includes retail distribution costs of \$55,741,844.
2. See note 4 on page 68.

**STATEMENT OF MUNICIPALITIES' EQUITIES ACCUMULATED
THROUGH DEBT RETIREMENT CHARGES
for the Year Ended December 31, 1970**

Municipality	Balance at December 31, 1969	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1970
	\$	\$	\$	\$
Acton.....	668,818	30,265	.....	699,083
Ailsa Craig.....	69,971	2,391	.....	72,362
Ajax.....	495,580	62,769	.....	558,349
Alexandria.....	300,317	21,527	.....	321,844
Alfred.....	43,170	5,512	.....	48,682
Alliston.....	306,504	21,008	.....	327,512
Almonte.....	170,987	15,111	.....	186,098
Alvinston.....	72,066	1,864	.....	73,930
Amherstburg.....	544,077	31,356	.....	575,433
Ancaster Twp.....	263,480	14,624	.....	278,104
Apple Hill.....	20,889	944	.....	21,833
Arkona.....	54,016	1,702	.....	55,718
Arnprior.....	518,114	39,036	.....	557,150
Arthur.....	129,046	8,984	.....	138,030
Athens.....	68,201	3,945	.....	72,146
Atikokan Twp.....	345,381	18,795	.....	364,176
Aurora.....	543,624	53,030	.....	596,654
Avonmore.....	13,601	1,009	.....	14,610
Aylmer.....	535,526	29,594	.....	565,120
Ayr.....	119,236	7,258	.....	126,494
Baden.....	163,369	6,026	.....	169,395
Bancroft.....	115,281	10,526	.....	125,807
Barrie.....	2,182,449	170,171	.....	2,352,620
Barry's Bay.....	45,518	5,350	.....	50,868
Bath.....	41,521	2,784	.....	44,305
Beachburg.....	28,363	2,537	.....	30,900
Beachville.....	317,973	13,898	.....	331,871
Beamsville.....	208,775	14,641	.....	223,416
Beaverton.....	164,633	8,669	.....	173,302
Beeton.....	93,735	3,946	.....	97,681
Belle River.....	121,251	9,052	.....	130,303
Belleville.....	2,748,812	168,531	.....	2,917,343
Belmont.....	47,116	5,981	.....	53,097
Blenheim.....	270,802	12,812	.....	283,614
Bloomfield.....	68,748	3,176	.....	71,924
Blyth.....	103,857	4,940	.....	108,797
Bobcaygeon.....	85,317	8,231	.....	93,548
Bolton.....	154,084	12,252	.....	166,336
Bothwell.....	81,981	3,201	.....	85,182
Bowmanville.....	961,231	54,130	.....	1,015,361
Bracebridge.....	35,936	10,674	.....	46,610
Bradford.....	228,928	14,136	.....	243,064
Braeside.....	108,802	10,363	.....	119,165
Brampton.....	2,075,010	202,745	.....	2,277,755
Brantford.....	7,467,519	323,571	.....	7,791,090

STATEMENT OF MUNICIPALITIES' EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1970

Municipality	Balance at December 31, 1969	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1970
	\$	\$	\$	\$
Brantford Twp.....	634,446	68,776	.....	703,222
Brechin.....	28,271	1,218	.....	29,489
Bridgeport.....	115,542	7,303	.....	122,845
Brigden.....	56,781	1,763	.....	58,544
Brighton.....	202,084	12,386	.....	214,470
Brockville.....	2,097,543	120,703	.....	2,218,246
Brussels.....	110,728	4,068	.....	114,796
Burford.....	117,793	5,183	.....	122,976
Burgessville.....	35,252	1,516	.....	36,768
Burk's Falls.....	63,577	5,766	.....	69,343
Burlington.....	2,879,891	364,800	.....	3,244,691
Cache Bay.....	35,284	1,760	.....	37,044
Caledonia.....	173,040	8,225	.....	181,265
Campbellford.....	64,784	10,927	.....	75,711
Campbellville.....	25,927	1,036	.....	26,963
Cannington.....	107,817	5,119	.....	112,936
Capreol.....	180,230	13,238	.....	193,468
Cardinal.....	121,221	4,985	.....	126,206
Carleton Place.....	622,816	24,385	.....	647,201
Casselman.....	62,933	6,296	.....	69,229
Cayuga.....	82,676	4,249	.....	86,925
Chalk River.....	39,314	3,125	.....	42,439
Chapleau Twp.....	66,911	12,286	.....	79,197
Chatham.....	3,278,043	188,412	.....	3,466,455
Chatsworth.....	42,878	1,793	.....	44,671
Chesley.....	238,572	7,904	.....	246,476
Chesterville.....	199,442	9,588	.....	209,030
Chippawa.....	169,910	10,605	.....	180,515
Clifford.....	64,308	2,398	.....	66,706
Clinton.....	356,966	14,287	.....	371,253
Cobden.....	69,035	4,207	.....	73,242
Cobourg.....	1,195,914	83,031	.....	1,278,945
Cochrane.....	193,859	21,117	.....	214,976
Colborne.....	117,149	8,008	.....	125,157
Coldwater.....	93,346	4,938	.....	98,284
Collingwood.....	1,038,193	74,054	.....	1,112,247
Comber.....	77,769	2,058	.....	79,827
Coniston.....	64,073	8,701	.....	72,774
Cookstown.....	54,717	3,360	.....	58,077
Cottam.....	43,828	1,864	.....	45,692
Courtright.....	37,380	1,599	.....	38,979
Creemore.....	83,000	4,009	.....	87,009
Dashwood.....	57,456	1,784	.....	59,240
Deep River.....	231,567	27,362	.....	258,929
Delaware.....	35,319	1,640	.....	36,959

STATEMENT OF MUNICIPALITIES' EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1970

Municipality	Balance at December 31, 1969	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1970
	\$	\$	\$	\$
Delhi.....	274,088	18,017	.....	292,105
Deseronto.....	136,868	7,754	.....	144,622
Dorchester.....	63,918	3,374	.....	67,292
Drayton.....	78,400	3,031	.....	81,431
Dresden.....	253,555	14,943	.....	268,498
Drumbo.....	45,703	1,654	.....	47,357
Dryden.....	286,681	27,057	.....	313,738
Dublin.....	40,485	1,812	.....	42,297
Dundalk.....	105,413	5,769	.....	111,182
Dundas.....	1,168,788	69,717	.....	1,238,505
Dunnville.....	584,202	25,488	.....	609,690
Durham.....	242,558	12,010	.....	254,568
Dutton.....	99,212	2,526	.....	101,738
East York.....	7,640,732	412,622	.....	8,053,354
Eganville.....	47,968	4,926	.....	52,894
Elmira.....	627,510	34,483	.....	661,993
Elmvale.....	102,347	5,724	.....	108,071
Elmwood.....	35,074	1,320	.....	36,394
Elora.....	193,229	7,468	.....	200,697
Embro.....	70,161	2,967	.....	73,128
Embrun.....	45,997	7,131	.....	53,128
Erieau.....	71,969	3,041	.....	75,010
Erie Beach.....	12,822	619	.....	13,441
Erin.....	59,573	6,604	.....	66,177
Espanola.....	129,230	21,660	.....	150,890
Essex.....	284,905	15,356	.....	300,261
Etobicoke.....	18,188,826	1,533,679	.....	19,722,505
Exeter.....	363,365	16,766	.....	380,131
Penelon Falls.....	15,470	7,567	.....	23,037
Fergus.....	628,637	44,560	.....	673,197
Finch.....	44,903	1,788	.....	46,691
Flesherton.....	54,905	3,679	.....	58,584
Fonthill.....	141,462	8,551	.....	150,013
Forest.....	271,438	11,315	.....	282,753
Frankford.....	72,897	6,821	.....	79,718
Galt.....	4,062,534	208,104	.....	4,270,638
Georgetown.....	1,057,653	72,674	.....	1,130,327
Glencoe.....	128,195	5,523	.....	133,718
Gloucester Twp.....	862,827	150,575	.....	1,013,402
Goderich.....	936,434	42,493	.....	978,927
Grand Bend.....	97,850	5,468	.....	103,318
Grand Valley.....	90,185	3,944	.....	94,129
Granton.....	33,568	1,102	.....	34,670
Gravenhurst.....	378,980	17,402	.....	396,382
Grimsby.....	330,418	24,194	.....	354,612

STATEMENT OF MUNICIPALITIES' EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1970

Municipality	Balance at December 31, 1969	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1970
	\$	\$	\$	\$
Guelph.....	5,454,272	378,825	.....	5,833,097
Hagersville.....	391,226	13,490	.....	404,716
Hamilton.....	51,962,800	2,844,074	.....	54,806,874
Hanover.....	636,504	35,020	.....	671,524
Harriston.....	236,568	9,796	.....	246,364
Harrow.....	247,269	10,009	.....	257,278
Hastings.....	65,438	3,778	.....	69,216
Havelock.....	100,200	4,234	.....	104,434
Hawkesbury.....	293,128	48,479	.....	341,607
Hearst.....	172,453	23,881	.....	196,334
Hensall.....	134,371	6,628	.....	140,999
Hespeler.....	972,370	46,804	.....	1,019,174
Highgate.....	48,028	1,944	.....	49,972
Holstein.....	19,075	798	.....	19,873
Huntsville.....	479,804	19,942	.....	499,746
Ingersoll.....	1,101,196	33,819	.....	1,135,015
Iroquois.....	95,287	6,195	.....	101,482
Jarvis.....	88,539	2,587	.....	91,126
Kapuskasing.....	281,698	29,656	.....	311,354
Kemptville.....	247,888	15,282	.....	263,170
Kenora.....	116,339	51,257	.....	167,596
Killaloe Station.....	27,255	2,464	.....	29,719
Kincardine.....	393,561	15,592	.....	409,153
King City.....	68,283	7,300	.....	75,583
Kingston.....	4,809,689	300,232	.....	5,109,921
Kingsville.....	330,971	17,992	.....	348,963
Kirkfield.....	19,505	807	.....	20,312
Kitchener.....	10,723,454	643,733	.....	11,367,187
Lakefield.....	196,641	11,035	.....	207,676
Lambeth.....	126,557	8,114	.....	134,671
Lanark.....	59,140	3,470	.....	62,610
Lancaster.....	45,926	2,346	.....	48,272
Larder Lake Twp.....	76,029	4,768	.....	80,797
Latchford.....	14,362	1,713	.....	16,075
Leamington.....	969,944	51,389	.....	1,021,333
Lindsay.....	1,378,718	78,974	.....	1,457,692
Listowel.....	592,665	26,843	.....	619,508
London.....	17,106,171	988,146	.....	18,094,317
L'Orignal.....	39,550	4,612	.....	44,162
Lucan.....	108,658	4,658	.....	113,316
Lucknow.....	159,461	5,330	.....	164,791
Lynden.....	59,958	2,240	.....	62,198
Madoc.....	131,826	7,626	.....	139,452
Magnetawan.....	9,856	805	.....	10,661
Markdale.....	105,029	6,315	.....	111,344

STATEMENT OF MUNICIPALITIES' EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1970

Municipality	Balance at December 31, 1969	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1970
	\$	\$	\$	\$
Markham.....	390,588	48,560	.....	439,148
Marmora.....	97,251	5,546	.....	102,797
Martintown.....	21,960	975	.....	22,935
Massey.....	38,594	4,355	.....	42,949
Maxville.....	82,871	4,355	.....	87,226
McGarry Twp.....	76,107	4,098	.....	80,205
Meaford.....	415,187	23,883	.....	439,070
Merlin.....	65,165	2,661	.....	67,826
Merrickville.....	47,940	4,038	.....	51,978
Midland.....	1,444,829	70,034	.....	1,514,863
Mildmay.....	66,095	3,083	.....	69,178
Millbrook.....	54,774	3,153	.....	57,927
Milton.....	687,167	40,024	.....	727,191
Milverton.....	201,957	5,970	.....	207,927
Mississauga.....	6,698,516	910,284	.....	7,608,800
Mitchell.....	323,958	15,220	.....	339,178
Moorefield.....	44,172	1,944	.....	46,116
Morrisburg.....	151,448	9,722	.....	161,170
Mount Brydges.....	60,504	3,408	.....	63,912
Mount Forest.....	300,045	15,364	.....	315,409
Napanee.....	534,824	23,325	.....	558,149
Nepean Twp.....	1,475,121	296,819	.....	1,771,940
Neustadt.....	47,727	2,294	.....	50,021
Newboro.....	11,035	1,179	.....	12,214
Newburgh.....	26,277	2,010	.....	28,287
Newbury.....	27,842	1,455	.....	29,297
Newcastle.....	107,339	8,865	.....	116,204
New Hamburg.....	283,824	14,259	.....	298,083
Newmarket.....	654,675	53,403	.....	708,078
Niagara.....	277,206	10,813	.....	288,019
Niagara Falls.....	5,020,434	240,100	.....	5,260,534
Nipigon Twp.....	204,521	10,161	.....	214,682
North Bay.....	2,767,717	218,513	.....	2,986,230
North York.....	17,825,221	2,191,765	.....	20,016,986
Norwich.....	185,004	5,476	.....	190,480
Norwood.....	86,636	4,565	.....	91,201
Oakville.....	4,196,075	490,395	.....	4,686,470
Oil Springs.....	91,539	1,952	.....	93,491
Omeme.....	55,639	2,680	.....	58,319
Orangeville.....	495,857	35,771	.....	531,628
Orillia.....	600,327	77,698	.....	678,025
Orono.....	60,069	4,380	.....	64,449
Oshawa.....	8,870,823	550,482	.....	9,421,305
Ottawa.....	16,565,666	1,713,623	.....	18,279,289
Otterville.....	63,474	2,461	.....	65,935

STATEMENT OF MUNICIPALITIES' EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1970

Municipality	Balance at December 31, 1969	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1970
	\$	\$	\$	\$
Owen Sound.....	2,022,085	102,838	.....	2,124,923
Paisley.....	86,077	3,916	.....	89,993
Palmerston.....	243,753	8,164	.....	251,917
Paris.....	677,140	28,837	.....	705,977
Parkhill.....	149,720	6,040	.....	155,760
Parry Sound.....	239,469	23,910	.....	263,379
Pembroke.....	68,243	30,590	.....	98,833
Penetanguishene.....	425,143	21,922	.....	447,065
Perth.....	668,687	32,235	.....	700,922
Peterborough.....	5,433,411	327,500	.....	5,760,911
Petrolia.....	481,800	16,375	.....	498,175
Pickering.....	57,484	7,457	.....	64,941
Picton.....	590,550	23,982	.....	614,532
Plantagenet.....	35,947	4,714	.....	40,661
Plattsville.....	92,349	4,604	.....	96,953
Point Edward.....	679,817	33,888	.....	713,705
Port Burwell.....	36,740	1,623	.....	38,363
Port Colborne.....	1,200,268	69,406	.....	1,269,674
Port Credit.....	1,123,393	89,563	.....	1,212,956
Port Dover.....	291,114	12,045	.....	303,159
Port Elgin.....	221,624	15,608	.....	237,232
Port Hope.....	1,052,744	56,037	.....	1,108,781
Port McNicoll.....	129,838	7,527	.....	137,365
Port Perry.....	210,236	13,726	.....	223,962
Port Rowan.....	57,874	2,425	.....	60,299
Port Stanley.....	238,680	6,670	.....	245,350
Prescott.....	509,729	24,458	.....	534,187
Preston.....	1,607,089	84,722	.....	1,691,811
Priceville.....	8,435	483	.....	8,918
Princeton.....	59,007	2,039	.....	61,046
Queenston.....	53,503	2,066	.....	55,569
Rainy River.....	42,715	5,294	.....	48,009
Red Rock.....	87,817	5,108	.....	92,925
Renfrew.....	411,054	32,343	.....	443,397
Richmond.....	73,725	8,541	.....	82,266
Richmond Hill.....	886,469	85,997	.....	972,466
Ridgetown.....	273,405	12,278	.....	285,683
Ripley.....	62,660	2,643	.....	65,303
Rockland.....	96,729	10,373	.....	107,102
Rockwood.....	74,669	3,441	.....	78,110
Rodney.....	95,346	3,535	.....	98,881
Rosseau.....	26,420	1,264	.....	27,684
Russell.....	50,174	3,019	.....	53,193
St. Catharines.....	11,273,331	665,023	.....	11,938,354
St. Clair Beach.....	80,964	7,279	.....	88,243

**STATEMENT OF MUNICIPALITIES' EQUITIES ACCUMULATED
THROUGH DEBT RETIREMENT CHARGES
for the Year Ended December 31, 1970**

Municipality	Balance at December 31, 1969	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1970
	\$	\$	\$	\$
St. George.....	89,385	3,990	.....	93,375
St. Jacobs.....	113,929	5,054	.....	118,983
St. Mary's.....	1,032,580	21,853	.....	1,054,433
St. Thomas.....	2,938,952	128,073	.....	3,067,025
Sandwich West.....	251,485	32,512	.....	283,997
Sarnia.....	9,001,503	278,537	.....	9,280,040
Scarborough.....	13,050,748	1,364,952	.....	14,415,700
Schreiber Twp.....	125,851	8,378	.....	134,229
Seaforth.....	309,079	10,939	.....	320,018
Shelburne.....	157,335	8,263	.....	165,598
Simcoe.....	1,138,159	65,307	.....	1,203,466
Sioux Lookout.....	227,753	12,212	.....	239,965
Smiths Falls.....	1,088,885	56,690	.....	1,145,575
Southampton.....	199,241	11,710	.....	210,951
South Grimsby Twp.....	75,452	3,513	.....	78,965
South River.....	22,030	4,039	.....	26,069
Springfield.....	48,218	1,463	.....	49,681
Stayner.....	151,870	8,416	.....	160,286
Stirling.....	125,320	7,061	.....	132,381
Stoney Creek.....	322,065	27,833	.....	349,898
Stouffville.....	263,891	19,751	.....	283,642
Stratford.....	3,261,233	147,511	.....	3,408,744
Strathroy.....	625,085	32,297	.....	657,382
Streetsville.....	301,183	27,150	.....	328,333
Sturgeon Falls.....	210,826	22,049	.....	232,875
Sudbury.....	4,186,809	326,345	.....	4,513,154
Sunderland.....	65,151	3,051	.....	68,202
Sundridge.....	40,947	4,233	.....	45,180
Sutton.....	184,911	11,655	.....	196,566
Tara.....	73,671	4,296	.....	77,967
Tavistock.....	232,691	8,183	128	241,002
Tecumseh.....	252,053	16,439	.....	268,492
Teeswater.....	115,730	6,344	.....	122,074
Terrace Bay Twp.....	163,369	8,947	.....	172,316
Thamesford.....	125,022	6,770	.....	131,792
Thamesville.....	130,068	5,385	.....	135,453
Thedford.....	78,711	3,312	.....	82,023
Thessalon.....	52,947	7,102	.....	60,049
Thornbury.....	87,215	7,159	.....	94,374
Thorndale.....	44,986	1,572	.....	46,558
Thornton.....	23,057	1,196	.....	24,253
Thorold.....	1,330,885	30,107	.....	1,360,992
Thunder Bay.....	20,674,347	543,404	290,813	21,508,564
Tilbury.....	357,902	16,098	.....	374,000
Tillsonburg.....	725,416	37,609	.....	763,025

STATEMENT OF MUNICIPALITIES' EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1970

Municipality	Balance at December 31, 1969	Additions in the Year through Debt Retirement Charges	Equities Transferred through Annexations	Balance at December 31, 1970
	\$	\$	\$	\$
Toronto.....	114,974,768	4,078,616	.....	119,053,384
Tottenham.....	75,120	4,414	.....	79,534
Trenton.....	1,757,748	99,720	.....	1,857,468
Tweed.....	163,006	9,901	.....	172,907
Uxbridge.....	256,642	16,644	.....	273,286
Vankleek Hill.....	57,206	6,682	.....	63,888
Vaughan Twp.....	790,149	149,056	.....	939,205
Victoria Harbour.....	58,910	4,291	.....	63,201
Walkerton.....	408,151	28,184	.....	436,335
Wallaceburg.....	1,732,441	91,299	.....	1,823,740
Wardsville.....	31,411	1,381	.....	32,792
Warkworth.....	43,274	2,334	.....	45,608
Wasaga Beach.....	66,488	6,866	.....	73,354
Waterdown.....	154,249	8,063	.....	162,312
Waterford.....	209,756	9,920	.....	219,676
Waterloo.....	2,633,447	221,103	.....	2,854,550
Watford.....	207,811	9,397	.....	217,208
Waubaushe.....	48,625	2,757	.....	51,382
Webbwood.....	12,503	1,585	.....	14,088
Welland.....	3,315,863	200,058	.....	3,515,921
Wellesley.....	79,786	3,218	.....	83,004
Wellington.....	103,765	4,196	.....	107,961
West Lorne.....	185,732	7,507	.....	193,239
Westport.....	60,528	2,875	.....	63,403
Wheatley.....	137,838	5,666	.....	143,504
Whitby.....	1,231,119	126,837	217,942	1,575,898
Wiaiton.....	198,638	9,970	.....	208,608
Williamsburg.....	43,968	1,560	.....	45,528
Winchester.....	190,717	11,427	.....	202,144
Windermere.....	25,887	1,279	.....	27,166
Windsor.....	20,640,247	991,621	.....	21,631,868
Wingham.....	385,470	20,287	.....	405,757
Woodbridge.....	309,488	13,339	.....	322,827
Woodstock.....	3,122,458	166,839	.....	3,289,297
Woodville.....	42,751	1,759	.....	44,510
Wyoming.....	71,793	4,893	.....	76,686
York.....	9,921,855	490,726	.....	10,412,581
Zurich.....	81,705	3,432	.....	85,137
Total Municipalities.....	512,031,483	30,522,270	508,883	543,062,636

For total equities accumulated through debt retirement charges see statement on page 16.

APPENDIX III—RURAL

The Commission distributes power and provides service to its rural system customers through 67 administrative Area Offices in the province. Retail customers are supplied under the following classes of service: Farm, Residential, Residential-Intermittent Occupancy, and General. The schedule of rural rates is no longer published in the Annual Report. Detailed information on rates and typical bills for the use of electric power may be obtained from the Commission's Head Office, or from any of the Regional or Area Offices. The revised rates referred to in Section III will be in effect from January 1, 1971.

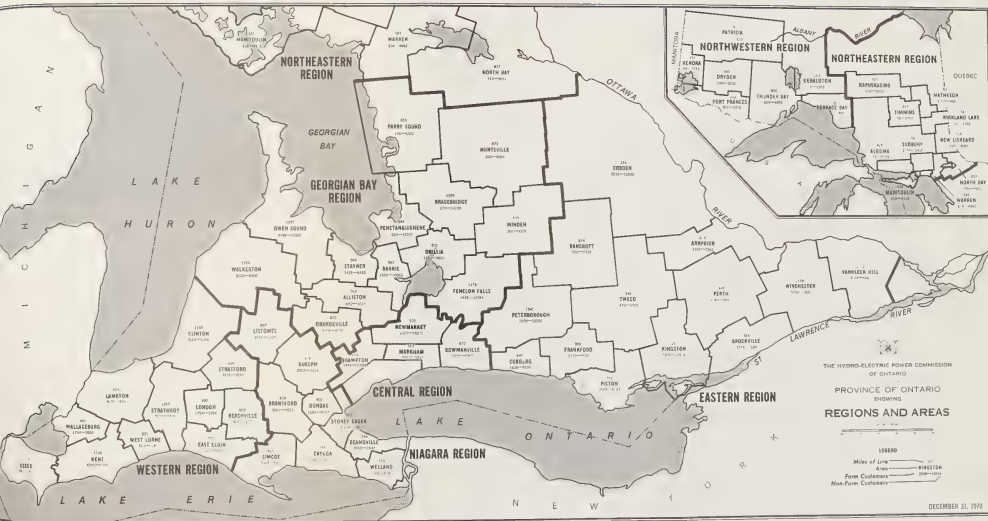
Description of Main Classes of Service

The farm class includes single-phase or three-phase electrical service to the farm residence and to all buildings and equipment used in the production and processing of farm products. In other words, for purposes of classification, a farm is a residence and a business. The business, which is agricultural production on a continuing basis, must be carried on at such a level as to ensure that the farm is a viable economic unit.

The term "agricultural production", as used here, includes the work of cultivating soil, producing crops and raising livestock, as well as operations in nurseries, fur farms, hatcheries and egg production. Properties devoted solely to reforestation projects or the raising of Christmas trees, or having extensive acreage but not engaged in agricultural production are classified according to their use, but not as farms. Small properties of 30 acres and under are classified as residential, unless they are operated for some intensive or specialized form of agricultural production, for example fruit farming, poultry raising, market gardening, or nurseries.

Service may be supplied under one farm service to all separate dwellings on the property and occupied by persons engaged in its operation. Additional dwellings occupied by persons otherwise engaged are regarded as residential.

The residential class is applicable to establishments used primarily for living accommodation and considered to be the customer's permanent residence. There are two sub-classes of residential service for rate purposes – Group 1 (B), which is applicable to services in designated zones of high customer concentration where there are at least 100 customers of any class in a group, with a density of not less than 25 customers per mile of any line, and Group 2 (R), which is applicable elsewhere.



The all-electric rates in effect throughout the province apply only to year-round residential service where the sole source of energy is electricity, that is where electric energy exclusively is used day by day for space-heating, cooking, and water-heating through the use of a high-performance water-heater, having tank and element sizes acceptable to Ontario Hydro.

The residential intermittent-occupancy class is applicable to any self-contained residential establishment which is not regarded as the customer's permanent residence, where residential occupancy is not continuous throughout a large part of the year, but rather, seasonal or intermittent, whether in summer or winter, or both. As in the year-round residential class, there are two sub-classes of residential intermittent-occupancy service for rate purposes.

The general class is applicable to all community business, processing, or manufacturing establishments supplied with single-phase or three-phase electrical service at secondary, rural primary distribution, or subtransmission voltage, exclusive of those that fall within the definition of the farm class.

MILES OF LINE, NUMBER OF RURAL CUSTOMERS

as at December 31, 1970

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS				
		Farm	Residential		General	Total
			Continuous Occupancy	Intermittent Occupancy		
Niagara						
Beamsville.....	594	3,068	6,707	170	765	10,710
Brantford.....	838	3,081	3,834	63	676	7,654
Cayuga.....	745	2,605	2,893	2,625	599	8,722
Dundas.....	406	1,604	6,239	.....	548	8,391
Guelph.....	974	2,962	5,785	511	1,018	10,276
Listowel.....	887	3,595	1,843	427	550	6,415
Simcoe.....	825	3,604	4,427	1,840	659	10,530
Stoney Creek.....	305	816	6,727	73	850	8,466
Welland.....	588	1,288	6,493	1,383	871	10,035
Total.....	6,162	22,623	44,948	7,092	6,536	81,199
Central						
Bowmanville.....	672	1,628	4,912	1,425	625	8,590
Brampton.....	659	1,443	9,979	182	907	12,511
Markham.....	502	1,095	14,103	149	1,611	16,958
Newmarket.....	922	2,902	13,741	3,657	1,473	21,773
Total.....	2,755	7,068	42,735	5,413	4,616	59,832
Western						
Beachville.....	803	3,031	2,730	42	501	6,304
Clinton.....	1,166	4,559	2,579	2,045	672	9,855
East Elgin.....	725	3,117	4,780	171	714	8,782
Essex.....	1,115	5,296	9,680	3,124	1,308	19,408
Kent.....	1,100	4,266	3,985	1,115	895	10,261
Lambton.....	1,052	4,091	5,142	2,085	1,064	12,382
London.....	490	1,794	2,691	38	565	5,088
Stratford.....	690	2,915	1,615	27	395	4,952
Strathroy.....	1,057	3,633	2,921	3	612	7,169
Wallaceburg.....	485	1,754	1,777	455	449	4,435
West Lorne.....	521	1,819	611	70	237	2,737
Total.....	9,204	36,275	38,511	9,175	7,412	91,373

MILES OF LINE, NUMBER OF RURAL CUSTOMERS

as at December 31, 1970

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS				
		Farm	Residential		General	Total
			Continuous Occupancy	Intermittent Occupancy		
Eastern						
Arnprior.....	619	1,247	4,664	2,073	616	8,600
Bancroft.....	814	566	1,991	4,860	477	7,894
Brockville.....	914	2,274	4,638	2,208	843	9,963
Cobden.....	1,386	2,525	6,236	2,688	1,171	12,620
Cobourg.....	647	1,633	3,241	1,353	511	6,738
Frankford.....	900	2,372	5,680	1,004	838	9,894
Kingston.....	1,207	2,209	9,557	3,059	1,298	16,123
Perth.....	1,495	2,789	3,424	5,210	857	12,280
Peterborough.....	1,540	2,978	5,823	8,324	1,103	18,228
Picton.....	788	2,508	3,841	1,611	701	8,661
Tweed.....	940	1,439	2,409	2,755	645	7,248
Vankleek Hill.....	1,179	4,104	4,251	1,360	990	10,705
Winchester.....	1,594	5,356	7,677	725	1,279	15,037
Total.....	14,023	32,000	63,432	37,230	11,329	143,991
Georgian Bay						
Alliston.....	922	3,062	2,666	520	437	6,685
Barrie.....	562	1,368	5,412	3,919	734	11,433
Bracebridge.....	1,005	270	3,052	10,813	855	14,990
Fenelon Falls.....	1,178	2,434	3,667	8,403	814	15,318
Huntsville.....	873	364	2,929	5,351	804	9,448
Minden.....	645	286	2,221	6,490	648	9,645
Orangeville.....	820	2,168	3,092	575	505	6,340
Orillia.....	651	1,101	3,272	5,826	703	10,902
Owen Sound.....	1,597	4,198	4,286	7,024	1,197	16,705
Parry Sound.....	653	146	2,032	3,704	587	6,469
Penetanguishene.....	644	664	2,490	7,994	553	11,701
Stayner.....	544	1,426	2,674	4,834	657	9,591
Walkerton.....	1,764	6,569	2,950	2,619	931	13,069
Total.....	11,858	24,056	40,743	68,072	9,425	142,296

MILES OF LINE, NUMBER OF RURAL CUSTOMERS

as at December 31, 1970

AREAS BY REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS				
		Farm	Residential		General	Total
			Continuous Occupancy	Intermittent Occupancy		
Northeastern						
Algoma.....	405	178	4,122	456	680	5,436
Kapuskasing.....	397	216	4,070	418	535	5,239
Kirkland Lake.....	158	31	1,002	545	239	1,817
Manitoulin.....	656	816	2,246	1,141	728	4,931
Matheson.....	521	516	1,667	483	318	2,984
New Liskeard.....	718	1,166	2,010	517	558	4,251
North Bay.....	827	749	3,259	1,729	663	6,400
Sudbury.....	756	210	13,498	1,788	1,152	16,648
Timmins.....	213	70	1,297	188	272	1,827
Warren.....	585	634	2,722	1,763	507	5,626
Total.....	5,236	4,586	35,893	9,028	5,652	55,159
Northwestern						
Dryden.....	405	199	1,975	589	454	3,217
Fort Frances.....	668	801	1,339	419	460	3,019
Geraldton.....	163	1	1,000	45	334	1,380
Kenora.....	351	54	1,489	1,851	429	3,823
Patricia.....	28	.....	1,276	.....	343	1,619
Terrace Bay.....	118	.....	1,117	78	291	1,486
Thunder Bay.....	806	659	2,452	2,030	517	5,658
Total.....	2,539	1,714	10,648	5,012	2,828	20,202

SUMMARY

MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS

as at December 31, 1970

REGIONS	MILES OF PRIMARY LINE	NUMBER OF CUSTOMERS				
		Farm	Residential		General	Total
			Continuous Occupancy	Intermittent Occupancy		
Niagara.....	6,162	22,623	44,948	7,092	6,536	81,199
Central.....	2,755	7,068	42,735	5,413	4,616	59,832
Western.....	9,204	36,275	38,511	9,175	7,412	91,373
Eastern.....	14,023	32,000	63,432	37,230	11,329	143,991
Georgian Bay.....	11,858	24,056	40,743	68,072	9,424	142,295
Northeastern.....	5,236	4,586	35,893	9,028	5,653	55,160
Northwestern.....	2,539	1,714	10,648	5,012	2,828	20,202
Grand Total.....	51,777	128,322	276,910	141,022	47,798	594,052

RURAL ELECTRICAL SERVICE

CUSTOMERS, REVENUE AND CONSUMPTION, BY CLASSES OF SERVICE

Class of Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
Farm	1966	21,312,377	1,240,088,007	133,305	771	1.72
	1967	22,573,596	1,349,750,300	132,454	847	1.67
	1968	24,003,192	1,424,332,100	130,406	903	1.69
	1969	27,032,992	1,516,768,100	129,582	972	1.78
	1970	27,883,776	1,586,725,200	128,322	1,025	1.76
Residential	1966	26,365,167	1,570,966,227	227,909	584	1.68
Continuous	1967	28,967,165	1,797,122,700	238,386	642	1.61
Occupancy	1968	32,353,023	1,992,463,900	245,009	687	1.62
	1969	39,313,409	2,269,511,600	264,250	738	1.73
	1970	42,997,823	2,524,131,700	276,910	777	1.70
Residential	1966	5,835,789	130,845,233	120,611	92	4.46
Intermittent	1967	6,229,861	148,971,200	125,207	101	4.18
Occupancy	1968	6,815,172	181,449,700	131,003	118	3.76
	1969	7,645,109	208,120,000	136,694	130	3.67
	1970	8,382,464	248,058,200	141,022	149	3.38
General	1966	8,654,367	478,810,358	40,363	987	1.81
Single-Phase	1967	9,077,859	515,704,600	40,560	1,062	1.76
	1968	9,887,524	562,106,300	40,335	1,158	1.76
	1969	11,690,421	643,275,400	42,027	1,290	1.82
	1970	12,659,180	705,399,500	42,776	1,386	1.79
General	1966	9,909,979	964,044,750	3,356	24,245	1.03
Three-Phase	1967	10,345,693	1,053,614,500	3,767	24,653	0.98
	1968	11,425,729	1,141,270,400	3,932	24,706	1.00
	1969	13,527,305	1,293,238,800	4,500	25,505	1.05
	1970	*20,817,237	*2,176,499,300	*5,022	*37,783	*0.96

NOTE: Consumption for flat-rate water heaters is included in the above table on the basis of an estimated 16.8 hours' daily use.

* The data for General Three-Phase service in 1970 include for the first time service to customers formerly designated as Retail Special customers.

SUPPLEMENT

MUNICIPAL ELECTRICAL SERVICE

In cities, towns, and villages, and in certain township areas adjacent to them, retail service is provided for the most part by the 353 municipal electrical utilities associated with the Commission's co-operative undertaking. In 15 other cities, townships, and villages, the Commission owns and operates distribution facilities serving retail customers. Both types of retail service are brought together in this supplement to the Commission's Report since, as municipal operations, they are similar in every respect except administration. The table and graphs that immediately follow, therefore, cover three major classes of service provided during 1970 in 368 communities, where a total of 1,794,413 retail customers were served, 1,766,086 by the municipal electrical utilities and 28,327 by the Commission.

The statistics on retail service in general are followed by a commentary on municipal electrical utility operations in particular. The tabular statements that form the remainder of the supplement give information on financial operations, as well as on numbers of customers, revenue, consumption, and average revenue per kilowatt-hour. Statements A and B include a balance sheet and an operating statement for each of the municipal electrical utilities. The more general statistics in Statement C cover all 368 municipal systems served. A great many changes in municipal retail rates are now introduced at any time that seems appropriate throughout the year. Little value is therefore served by the publication in the Annual Report of rates in effect at the end

MUNICIPAL ELECTRICAL SERVICE
CUSTOMERS, REVENUE, AND CONSUMPTION
1961 to 1970

Class of Service	Year	Revenue	Consumption	Customers	*Monthly Average Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
Residential	1961	83,682,550	7,400,028,084	1,307,893	472	1.13
	1962	89,016,406	7,852,651,665	1,346,408	486	1.13
	1963	93,121,018	8,255,600,930	1,382,270	498	1.13
	1964	98,724,259	8,742,950,806	1,434,174	508	1.13
	1965	106,738,283	9,423,405,257	1,475,590	532	1.13
	1966	114,462,536	10,102,582,788	1,505,780	559	1.13
	1967	123,236,091	10,796,826,704	1,540,505	584	1.14
	1968	137,250,772	11,531,567,252	1,565,268	619	1.19
	1969	148,285,270	12,081,214,500	1,583,631	639	1.23
	1970	162,817,259	12,723,418,389	1,596,367	667	1.28
Commercial	1961	45,718,484	3,289,119,534	122,863	2,231	1.39
	1962	49,438,348	3,633,872,392	121,964	2,483	1.36
	1963	53,130,394	3,983,332,309	123,296	2,692	1.33
	1964	58,244,181	4,460,958,590	125,555	2,961	1.31
	1965	64,558,257	4,988,713,185	127,645	3,257	1.29
	1966	72,309,441	5,705,565,474	132,270	3,595	1.27
	1967	81,101,116	6,450,509,342	140,087	3,837	1.26
	1968	92,745,351	7,254,645,414	151,017	4,154	1.28
	1969	103,091,284	8,127,936,824	157,735	4,388	1.27
	1970	118,509,599	9,141,057,995	172,556	4,613	1.30
Industrial Power	1961	69,215,271	7,994,001,074	23,179	28,740	0.87
	1962	74,198,657	8,704,987,001	23,145	31,342	0.85
	1963	79,740,870	9,581,875,552	23,456	34,042	0.83
	1964	86,451,270	10,488,380,325	23,866	36,622	0.82
	1965	95,988,774	11,668,654,346	23,675	41,072	0.82
	1966	100,320,320	12,077,932,115	23,999	41,939	0.83
	1967	106,988,141	12,594,313,013	24,560	42,733	0.85
	1968	120,284,786	13,708,827,688	24,859	46,233	0.88
	1969	135,273,556	14,823,099,864	25,205	49,347	0.91
	1970	150,620,637	15,753,135,884	25,490	51,791	0.96
†General Rate	1967	30,517,324	3,262,998,579	27,566	9,864	0.94
	1968	49,510,529	5,110,730,469	48,825	11,150	0.97
	1969	64,994,694	6,478,590,301	64,768	9,506	1.00
	1970	99,350,864	9,125,502,047	85,890	10,095	1.09

NOTE: Energy consumption figures for residential and commercial services in the above table reflect the use of flat-rate water heaters for a uniform average of 16.8 hours per day.

† At the end of 1970, the general rate was being applied in 223 of the municipal systems listed in Statement C. This rate would, for the most part, cover service to all former commercial, small commercial, and industrial power service customers. While the rate is shown for the past four years as a separate classification in the table above, the same data relating to revenue, consumption, and number of customers, for purposes of continuity of trends in cost and usage, have also been proportionately allocated to the former categories of commercial and industrial power service.

During a transitional period the erratic movement in average consumption per customer reflects the widely varying mix of large and small customers from year to year as the number of utilities using the general rate rapidly expands.

* Commencing in 1968, the method of calculating the monthly consumption per customer was changed. The new formula uses the average of the numbers of customers served at the end of the current year and the previous year.

of the year. These rates are neither a true indication of rate conditions during the year under review nor a dependable guide to rates currently in effect. Those who require

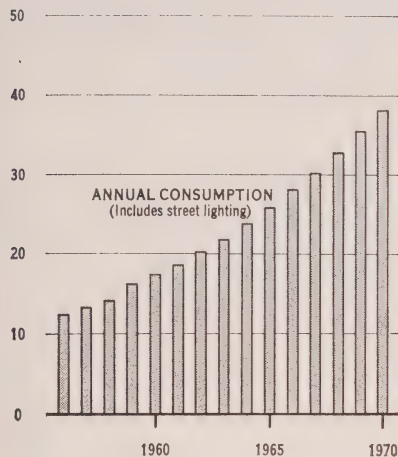
MUNICIPAL ELECTRICAL SERVICE

ANNUAL ENERGY CONSUMPTION AND AVERAGE COST PER KILOWATT-HOUR

TOTAL ANNUAL ENERGY CONSUMPTION

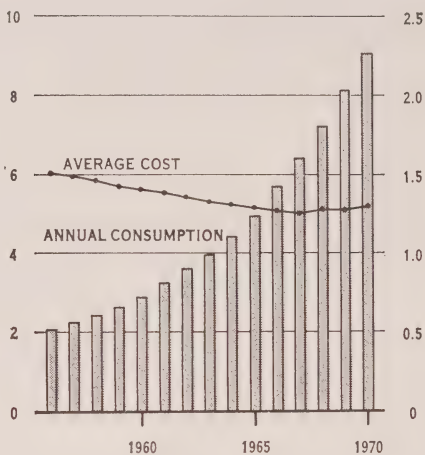
BILLION KWH

BILLION KWH



COMMERCIAL SERVICE

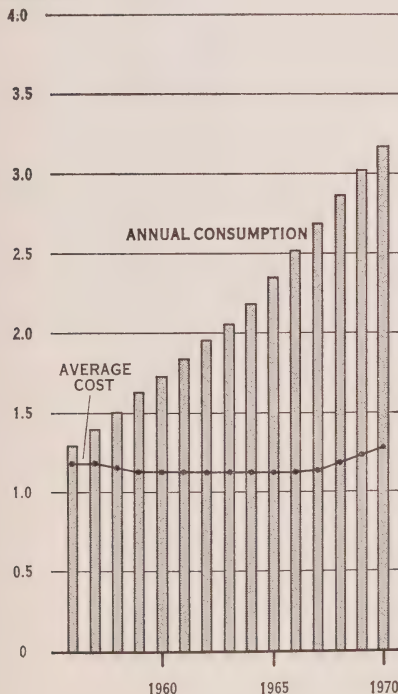
CENTS PER KWH



RESIDENTIAL SERVICE

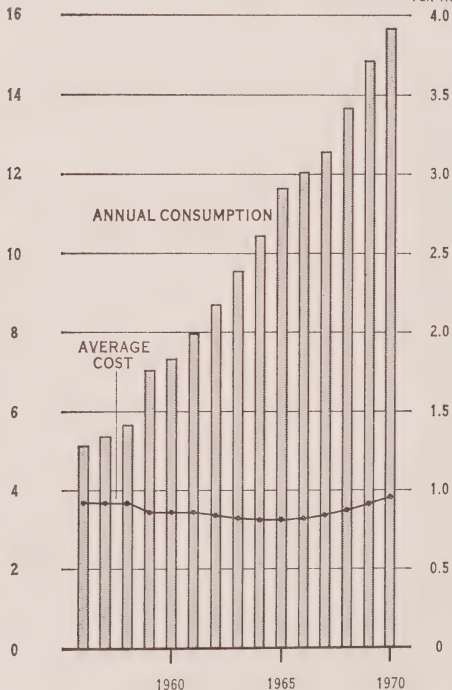
CENTS PER KWH

BILLION KWH



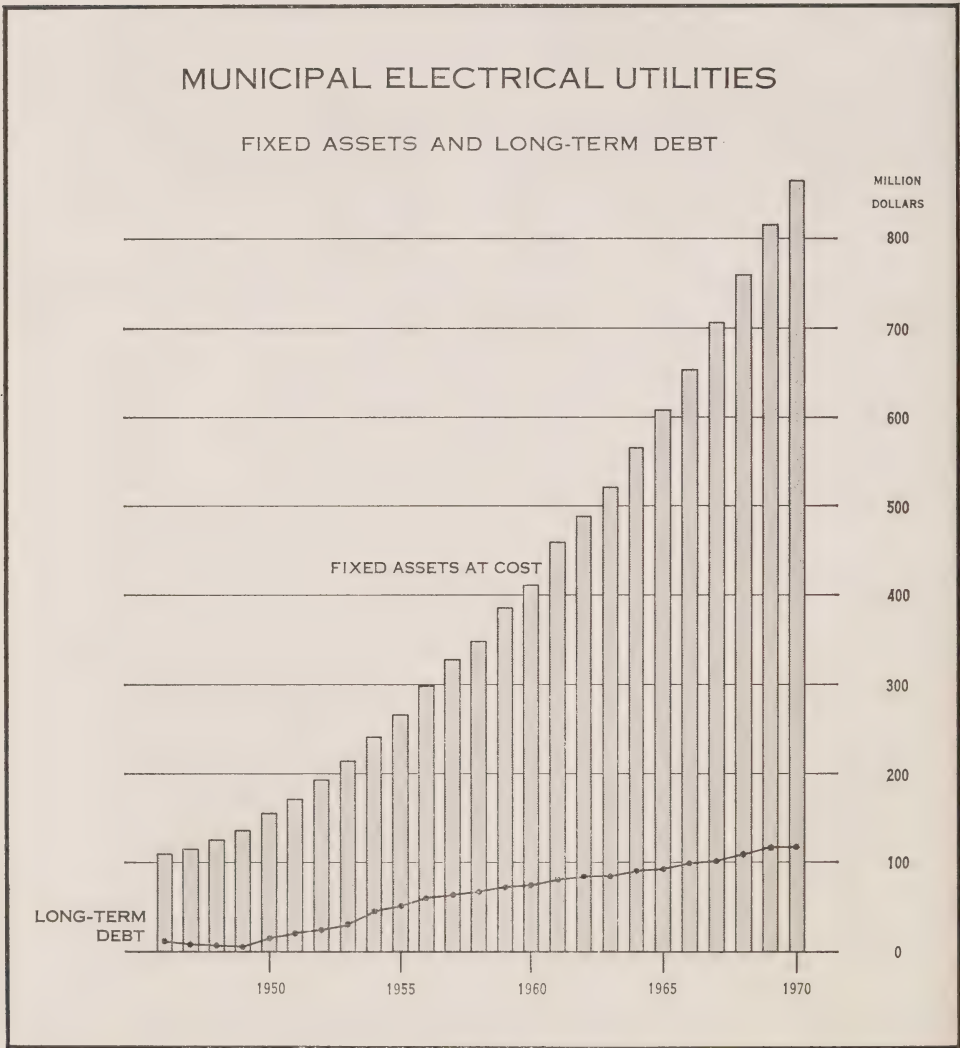
INDUSTRIAL POWER SERVICE

CENTS PER KWH



detailed information on rates may obtain from the Commission's Head Office a computer print-out of this type of statistical data.

The general rate was used by the Commission and the municipal utilities for former industrial power and commercial services in 223 of the communities listed in Statement C. The number of customers billed on this rate schedule numbered 85,890 at the end of the year. For purposes of comparison with earlier years when this rate was not in effect, these customers have also been included in the other services roughly in proportion to the former ratios of these services. On the basis of this reclassification of customers, revenue, and consumption, any year-to-year comparisons must of necessity be rough approximations.

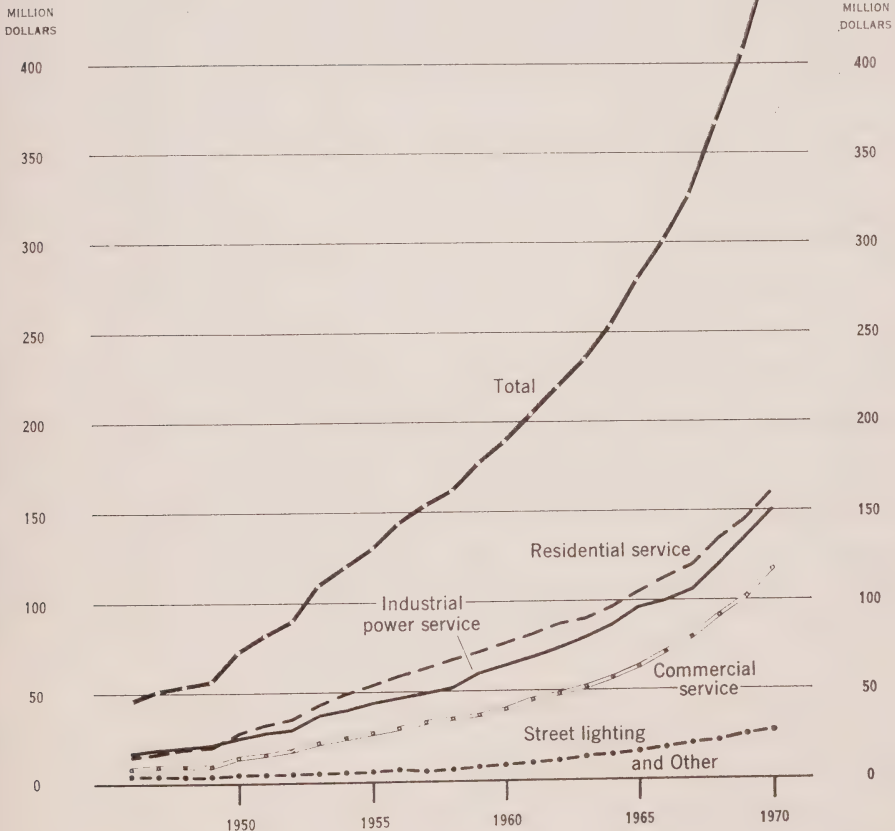


MUNICIPAL ELECTRICAL UTILITIES

The balance sheets of the 353 municipal utilities record a net increase in investment in fixed assets at cost of \$51,169,574 to a total of \$866,551,765. This increase, together with relatively minor increases in inventories and miscellaneous assets, was financed largely from internal funds and contributed capital. The debenture debt increased only by a net amount of \$1,491,789 to a total of \$117,438,918. Accumulated sinking fund set aside in anticipation of the retirement of debenture debt amounted to \$15,859,915, leaving net long-term debt at 11.7 per cent of fixed assets at cost as compared with 12.5 per cent in 1969.

MUNICIPAL ELECTRICAL UTILITIES

REVENUE



The total assets of the 353 utilities at December 31, 1970 amounted to \$1,279,598,912 after the deduction of \$238,749,590 in accumulated depreciation. The increase of \$68,050,333 includes an increase of \$28,476,935 in the equity of the utilities in Ontario Hydro systems, which is shown in Statement A as amounting in total to \$520,667,796 or 40 per cent of their total assets. The share of each utility in this total equity represents its annual contributions in the cost of power towards the repayment of the Commission's long-term debt, plus interest. These utility equities and their sum would be identical with those shown on the Commission's schedule of equities accumulated through debt retirement charges if this schedule were available when the utilities close their books at the end of the year. Since this is not possible, the equities shown in Statement A are, with relatively few exceptions, those at the end of 1969 rather than 1970.

The total revenues of the municipal electrical utilities rose by \$47,225,521 to \$454,250,766 for an increase of 11.6 per cent, while expenses rose by \$43,770,863 or 11.2 per cent to \$434,128,233. The increases in revenues and costs both reflect a 7.2 per cent increase in loads, the remaining 4.4 per cent and 4.0 per cent in growth being attributable respectively to upward revision in rates and the rise in unit cost. The sources of these revenues were as follows:

Residential Service.....	\$160,456,194
Commercial Service.....	77,105,846
Industrial Power Service.....	99,920,189
General Service.....	90,355,642
Street Lighting.....	11,504,662
<hr/>	
Total.....	\$439,342,533
Miscellaneous.....	14,908,233
<hr/>	
Total Revenues.....	\$454,250,766

The margin of net income amounting to \$20,122,533 was 4.4 per cent of total revenues in 1970 as compared with \$16,667,875 or 4.1 per cent of revenues in 1969. The Commission regards such a margin of net income as an economical source of funds for use by the municipal utilities in the normal expansion of their systems. This is particularly true under present conditions of excessively high interest rates on borrowed funds. The margin also provides a stabilizing factor in the process of retail rate adjustment. This is taken into consideration in all reviews of municipal utility retail rates. The Commission, as required by The Power Commission Act, exercises supervisory control over the activities of the municipal electrical utilities, and their rates to ultimate customers are subject to the Commission's review and approval.

The books of account from which the foregoing financial information is derived are kept by the utilities in accordance with a standard accounting system designed by the Commission for use by all its municipal electric-utility customers. These records are periodically inspected by the Commission's municipal accountants. From time to time adjustments and improvements in accounting procedure and office routine are recommended as required. By providing this type of assistance and supervision, the

Commission seeks to ensure the correct application of rates and standard procedures and the observance of a uniform classification of revenues and expenditures. The work carried out by the Commission's municipal accountants on the utilities' behalf does not, however, constitute an audit of their accounts. The municipalities must make their own arrangements for this audit.

MUNICIPAL ELECTRICAL UTILITIES

Year.....	1961	1962	1963	1964
Number of Municipal Utilities Included....	354	35	355	357
A. BALANCE SHEET				
FIXED ASSETS	\$	\$	\$	\$
Plant and facilities at cost.....	457,392,623	488,393,074	523,032,765	564,408,811
Less accumulated depreciation.....	100,165,249	109,914,757	120,564,846	133,554,811
Net fixed assets.....	357,227,374	378,478,317	402,467,919	430,854,000
CURRENT ASSETS				
Cash on hand and in bank.....	15,105,454	18,063,961	19,175,569	22,394,811
Investments - short-term.....				
- long-term.....	14,672,152	16,984,376	16,225,459	13,290,811
Accounts receivable (net).....	14,190,953	15,807,380	15,572,525	16,566,811
Other.....				
Total current assets.....	43,968,559	50,855,717	50,973,553	52,251,433
OTHER ASSETS				
Inventories.....	9,590,459	9,742,156	10,351,372	10,878,811
Sinking fund on debentures.....	3,261,509	4,312,070	5,442,451	6,626,811
Miscellaneous assets.....	2,643,494	2,715,626	3,235,378	6,505,811
Total other assets.....	15,495,462	16,769,852	19,029,201	24,010,433
Equity in Ontario Hydro.....	282,255,861	305,826,987	329,924,857	354,153,811
Total.....	698,947,256	751,930,873	802,395,530	861,270,811
LIABILITIES				
Debentures outstanding.....	81,812,075	83,167,367	82,865,177	87,951,811
Current liabilities.....	12,594,844	12,753,744	12,860,334	14,627,811
Other liabilities.....	7,860,946	8,254,687	8,534,095	9,799,811
Total liabilities.....	102,267,865	104,175,798	104,259,606	112,378,433
RESERVES				
Equity in Ontario Hydro.....	282,255,861	305,826,987	329,924,857	354,153,811
Other reserves.....	2,468,637	2,481,991	2,323,811	2,251,811
Total reserves.....	284,724,498	308,308,978	332,248,668	356,405,622
CAPITAL				
Debentures redeemed.....	84,572,157	88,386,510	92,400,155	96,501,811
Sinking fund debentures.....	3,261,509	4,312,070	5,442,451	6,626,811
Accumulated net income invested in plant or held as working funds.....	224,121,227	246,747,517	258,763,652	278,077,811
Contributed capital.....			9,280,998	11,281,811
Total capital.....	311,954,893	339,446,097	365,887,256	392,486,433
Total.....	698,947,256	751,930,873	802,395,530	861,270,811
B. OPERATING STATEMENT				
REVENUE				
Sale of electrical energy.....	201,891,409	216,412,017	230,166,226	247,890,811
Miscellaneous.....	3,274,114	4,439,792	5,324,613	6,108,811
Total revenue.....	205,165,523	220,851,809	235,490,839	253,999,622
EXPENSE				
Power purchased.....	130,857,200	139,291,682	152,433,112	167,184,811
Local generation.....	529,955	570,500	572,079	564,811
Operation and maintenance.....	19,486,528	20,760,837	21,989,333	23,527,811
Administration.....	17,342,308	18,482,105	19,550,879	20,367,811
Financial.....	8,203,772	8,912,277	9,135,950	9,678,811
Depreciation.....	11,466,692	11,655,654	12,557,510	13,486,811
Other.....	81,734	73,080	76,738	26,811
Total expense.....	187,968,189	199,746,135	216,315,601	234,836,433
Net income.....	17,197,334	21,105,674	19,175,238	19,163,188
Number of customers.....	1,423,427	1,460,553	1,497,857	1,552,811

SOLIDATED FINANCIAL STATEMENTS 1961-1970

1965	1966	1967	1968	1969	1970
360	358	355	354	354	353
\$	\$	\$	\$	\$	\$
7,675,682	654,128,175	706,702,798	759,163,167	815,382,191	866,551,765
8,250,022	164,122,993	182,315,075	200,212,484	219,237,998	238,749,590
9,425,660	490,005,182	524,387,723	558,950,683	596,144,193	627,802,175
9,195,624	12,138,312	11,784,458	11,554,954	12,739,781	11,889,717
9,749,732	19,530,448	21,164,511	27,957,092	23,006,015	29,340,687
8,398,616	9,515,323	9,039,413	8,252,468	7,844,003	5,827,448
.....	23,415,599	23,168,868	27,549,947	31,285,055	32,352,591
.....	.....	1,834,703	1,488,012	3,029,452	2,928,405
7,343,972	64,599,682	66,991,953	76,802,473	77,904,306	82,338,848
2,648,044	14,192,035	15,803,084	15,883,122	17,486,722	18,107,495
7,740,863	9,073,286	11,099,516	11,969,393	13,651,400	15,859,915
8,782,008	10,162,656	10,185,521	11,696,011	14,171,097	14,822,683
9,170,915	33,427,977	37,088,121	39,548,526	45,309,219	48,790,093
7,707,011	406,329,792	439,046,394	464,803,659	492,190,861	520,667,796
24,647,558	994,362,633	1,067,514,191	1,140,105,341	1,211,548,579	1,279,598,912
2,106,967	97,299,929	99,973,438	108,216,271	115,947,129	117,438,918
17,815,810	21,534,264	28,417,741	40,797,753	48,349,939	50,925,570
10,515,302	10,693,822	8,671,660	13,611,744	14,857,102	15,748,438
20,438,079	129,528,015	137,062,839	162,625,768	179,154,170	184,112,926
78,707,011	406,329,792	439,046,394	464,803,659	492,190,861	520,667,796
2,156,022	1,842,605	1,458,579	1,338,735	1,346,164	1,067,275
80,863,033	408,172,397	440,504,973	466,142,394	493,537,025	521,735,071
01,145,958	105,895,961	110,647,680	116,735,092	122,655,357	128,751,301
7,740,863	9,073,286	11,099,516	11,969,393	13,651,400	15,859,915
00,558,283	323,795,867	345,444,966	355,282,175	369,349,157	388,752,020
13,901,342	17,897,107	22,754,217	27,350,519	33,201,470	40,387,679
23,346,446	456,662,221	489,946,379	511,337,179	538,857,384	573,750,915
24,647,558	994,362,633	1,067,514,191	1,140,105,341	1,211,548,579	1,279,598,912
72,214,069	292,499,953	316,856,666	355,980,197	393,604,382	439,342,533
7,176,496	8,640,589	9,690,237	10,952,677	13,420,863	14,908,233
79,390,565	301,140,542	326,546,903	366,932,874	407,025,245	454,250,766
84,480,710	201,058,552	220,454,314	252,555,717	288,156,598	325,567,580
571,767	612,063	708,788	749,020	813,078	877,188
21,920,862	23,123,145	25,552,916	28,713,279	30,231,314	33,066,815
21,816,697	23,762,160	26,050,076	29,316,059	32,811,759	34,289,142
10,222,785	11,045,582	12,131,296	13,359,494	14,683,093	15,530,872
17,744,672	19,352,182	21,137,680	22,018,755	23,592,618	24,729,702
78,450	92,300	57,309	67,422	68,910	66,934
56,835,943	279,045,984	306,092,379	346,779,746	390,357,370	434,128,233
22,554,622	22,094,558	20,454,524	20,153,128	16,667,875	20,122,533
1,595,343	1,630,255	1,673,104	1,709,111	1,738,512	1,766,086

Rural Electrical Service

CUSTOMERS, REVENUE, AND CONSUMPTION, BY CLASSES OF SERVICE
(revised classification)

Class of Service	Year	Revenue	Consumption	Customers	Monthly Consumption per Customer	Average Cost per Kwh
		\$	kwh		kwh	¢
*Farm.....	1966	21,312,377.49	1,240,088,007	133,305	771	1.72
	1967	22,573,596.00	1,349,750,300	132,454	847	1.67
	1968	24,003,192.00	1,424,332,100	130,406	903	1.69
	1969	27,032,992.00	1,516,768,100	129,582	972	1.78
*Year-Round Residential.....	1966	26,365,167.32	1,570,966,227	227,909	584	1.68
	1967	28,967,165.00	1,797,122,700	238,386	642	1.61
	1968	32,353,023.00	1,992,463,900	245,009	687	1.62
	1969	39,313,409.00	2,269,511,600	264,250	738	1.73
*General.....	1966	18,564,346.15	1,442,855,108	43,719	2,753	1.29
	1967	19,423,552.00	1,569,319,100	44,327	2,971	1.24
	1968	21,313,253.00	1,703,376,700	44,267	3,205	1.25
	1969	25,217,726.00	1,936,514,200	46,527	3,525	1.30
*Residential—Intermittent Occupancy.....	1966	5,835,789.35	130,845,233	120,611	92	4.46
	1967	6,229,861.00	148,971,200	125,207	101	4.18
	1968	6,815,172.00	181,449,700	131,003	118	3.76
	1969	7,645,109.00	208,120,000	136,694	130	3.67

*Consumption for flat-rate water heaters is included on the basis of an estimated 16.8 hours' daily use.

NOTE: In this table, the General Class includes the former Commercial, Commercial Summer, and Industrial Power classes. Three-phase farm statistics formerly included with Industrial Power are now included under Farm.

SUPPLEMENT

MUNICIPAL ELECTRICAL SERVICE

Retail service in cities, towns, and villages, and in certain of the more densely populated township areas in the province is provided for the most part by the 354 municipal electrical utilities associated with the Commission's East and West Systems. In 14 other communities, including towns, townships, and villages, the Commission owns and operates distribution facilities serving retail customers directly. Both types of retail service are brought together in this supplement to the Commission's Report since, as municipal operations, they are similar in every respect except administration. The table and graphs that immediately follow, therefore, cover three major classes of service provided during 1969 in 368 communities where a total of 1,766,571 customers were served, 1,738,512 by the municipal electrical utilities and 28,059 by the Commission.

The statistics on retail service in general are followed by a commentary on municipal electrical utility operations in particular. The tabular statements that form the remainder of the supplement give information on financial operations, as well as on numbers of customers, revenues, consumption, and average revenue per kilowatt-hour. Statements A and B include a balance sheet and an operating statement for each of the municipal electrical utilities. The more general statistics in Statement C cover all 368 municipal systems served. The statement of rates and

Municipal Electrical Utilities Financial Statement

Municipality.....	Atikokan Twp.	Aurora	Avonmore	Aylmer	Ayr	B...
Population.....	6,133	11,391	230	4,543	1,233	
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	
Plant and facilities at cost.....	693,563	1,452,517	33,557	582,567	142,233	
Less accumulated depreciation.....	299,295	321,148	15,088	233,373	35,251	
Net fixed assets.....	394,268	1,131,369	18,469	349,194	106,982	
CURRENT ASSETS						
Cash on hand and in bank.....	14,741	20,207	9,431	26,624	11,063	
Investments - short term.....	90,000					
- long-term.....		34,000				
Accounts receivable (net).....	16,131	14,188	1,764	15,141	2,139	
Other.....	612	5,600				
Total current assets.....	121,484	73,995	11,195	41,765	13,202	
OTHER ASSETS						
Inventories.....	11,065	484		947	208	
Sinking fund on debentures.....						
Miscellaneous assets.....	13,063	5,249	528	517		
Total other assets.....	24,128	5,733	528	1,464	208	
Equity in Ontario Hydro.....	345,381	543,624	13,601	535,526	119,236	
Total	885,261	1,754,721	43,793	927,949	239,628	
LIABILITIES						
Debentures outstanding.....	162,000	149,000	8,500	5,000		
Current liabilities.....	34,749	71,909	2,541	43,797	8,069	
Other liabilities.....	26,213	7,886		3,279	880	
Total liabilities.....	222,962	228,795	11,041	52,076	8,949	
RESERVES						
Equity in Ontario Hydro.....	345,381	543,624	13,601	535,526	119,236	
Other reserves.....						
Total reserves.....	345,381	543,624	13,601	535,526	119,236	
CAPITAL						
Debentures redeemed.....	238,000	73,378	5,500	83,702	17,503	
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	49,209	740,925	13,651	256,645	93,249	
Contributed capital.....	29,709	167,999			691	
Total capital.....	316,918	982,302	19,151	340,347	111,443	
Total	885,261	1,754,721	43,793	927,949	239,628	
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	325,913	735,146	14,676	372,097	103,893	
Miscellaneous.....	35,669	37,078	554	4,980	2,019	
Total revenue	361,582	772,224	15,230	377,077	105,912	
EXPENSE						
Power purchased.....	205,325	573,504	10,307	316,879	77,561	
Local generation.....						
Operation and maintenance.....	42,060	39,405	1,622	15,516	4,471	
Administration.....	59,403	53,673	1,552	22,127	10,430	
Financial.....	33,020	20,915	986	5,126		
Depreciation.....	26,920	39,258	1,159	17,198	4,379	
Other.....						
Total expense	366,728	726,755	15,626	376,846	96,841	
Net income or net expense	5,146	45,469	396	231	9,071	
Number of customers.....	1,841	3,414	123	1,772	445	

Statements for the Year Ended December 31, 1970

croft	Barrie	Barry's Bay	Bath	Beachburg	Beachville	Beamsville	Beaverton	Beeton
244	26,684	1,471	797	543	991	4,100	1,292	1,065
\$ 2,454	\$ 3,743,361	\$ 146,682	\$ 111,719	\$ 79,638	\$ 156,109	\$ 434,505	\$ 228,557	\$ 110,339
3,071	1,335,219	36,229	33,919	36,472	66,802	149,357	64,174	29,074
9,383	2,408,142	110,453	77,800	43,166	89,307	285,148	164,383	81,265
8,770	33,061	.....	7,220	12,014	6,590	62,392	5,341	20,466
0,000	.....	.....	15,000	10,000	19,430	.....	.....	.....
9,442	98,261	8,460	1,324	201	6,081	1,162	2,599	5,192
.....	79	.....	.....	.....	242	.....	.....	.....
8,212	131,401	8,460	23,544	22,215	57,343	63,554	7,940	25,658
594	73,556	.....	.....	.....	131	.....	125	866
1,003	9,588	727	.....	1,465	.....	.....	2,677	.....
1,597	83,144	727	.....	1,465	131	.....	2,802	866
5,281	2,182,449	45,518	41,521	28,363	317,973	208,775	164,633	93,735
4,473	4,805,136	165,158	142,865	95,209	464,754	557,477	339,758	201,524
8,000	237,000	16,600	3,000	33,250	.....	.....	.....	.....
1,968	326,300	5,219	4,420	3,164	15,428	20,534	2,717	6,382
2,198	75,654	445	1,027	181	603	4,522	1,188	1,208
12,166	638,954	22,264	8,447	36,595	16,031	25,056	3,905	7,590
15,281	2,182,449	45,518	41,521	28,363	317,973	208,775	164,633	93,735
15,281	2,182,449	45,518	41,521	28,363	317,973	208,775	164,633	93,735
14,500	114,365	8,900	14,500	18,750	5,537	37,500	12,839	13,610
02,142	1,779,618	84,051	65,910	11,501	123,603	285,242	158,381	86,589
10,384	89,750	4,425	12,487	.....	1,610	904	.....	.....
27,026	1,983,733	97,376	92,897	30,251	130,750	323,646	171,220	100,199
74,473	4,805,136	165,158	142,865	95,209	464,754	557,477	339,758	201,524
57,275	2,205,904	71,320	38,149	35,540	143,179	214,626	111,044	52,274
9,633	86,686	1,246	1,661	1,515	4,928	11,197	3,629	3,210
66,908	2,292,590	72,566	39,810	37,055	148,107	225,823	114,673	55,484
07,753	1,752,602	55,896	28,879	25,607	149,502	154,200	87,546	41,392
6,425	.....	.....	.....	.....	.....	.....	.....	.....
9,678	156,319	2,992	2,471	1,945	2,939	18,311	6,411	3,099
14,582	157,545	8,233	3,014	2,241	4,978	20,990	8,653	4,222
6,281	34,727	2,830	693	4,539	.....	.....	.....	.....
18,188	140,264	4,353	3,654	2,632	6,157	15,136	7,762	4,023
62,907	2,241,457	74,304	38,711	36,964	163,576	208,637	110,372	52,736
4,001	51,133	1,738	1,099	91	15,469	17,186	4,301	2,748
826	9,670	483	288	228	345	1,443	671	373

Municipal Electrical Utilities Financial Statements

Municipality.....	Belle River 2,756	Belleville 33,638	Belmont 792	Blenheim 3,417	Bloomfield 711	Bloomfield 8
Population.....						
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	
Plant and facilities at cost.....	260,642	5,236,418	105,411	523,733	77,445	12
Less accumulated depreciation.....	45,319	1,481,028	39,459	159,081	38,849	4
Net fixed assets.....	215,323	3,755,390	65,952	364,652	38,596	8
CURRENT ASSETS						
Cash on hand and in bank.....	7,612	32,451	6,737	.....	2,195	.....
Investments - short-term.....	5,000	.....	10,000	.....	13,500	.....
- long-term.....	2,000	.....	9,650	.....	3,993	.....
Accounts receivable (net).....	2,228	89,253	102	4,610	372	.....
Other.....	.....	683	.....	.....	933	.....
Total current assets.....	16,840	122,387	26,285	4,610	20,993	1
OTHER ASSETS						
Inventories.....	1,031	94,395	.....	4,082	.....	.....
Sinking fund on debentures.....	.....	.....	.....	.....	.....	.....
Miscellaneous assets.....	.....	11,664	3,643	502	.....	.....
Total other assets.....	1,031	106,059	3,643	4,584	.....	.....
Equity in Ontario Hydro.....	121,251	2,748,812	47,116	270,802	68,748	10
Total.....	354,445	6,732,648	142,996	644,648	128,337	19
LIABILITIES						
Debentures outstanding.....	.....	653,000	42,500	2,594	.....	.....
Current liabilities.....	26,875	221,185	7,728	5,688	3,068	.....
Other liabilities.....	1,802	47,943	1,391	3,996	517	.....
Total liabilities.....	28,677	922,128	51,619	12,278	3,585	.....
RESERVES						
Equity in Ontario Hydro.....	121,251	2,748,812	47,116	270,802	68,748	10
Other reserves.....	.....	.....	.....	.....	.....	.....
Total reserves.....	121,251	2,748,812	47,116	270,802	68,748	10
CAPITAL						
Debentures redeemed.....	19,555	376,997	10,539	96,586	9,797	1
Sinking fund debentures.....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds.....	177,427	2,622,686	31,901	264,982	46,207	6
Contributed capital.....	7,535	62,025	1,821	.....	.....	.....
Total capital.....	204,517	3,061,708	44,261	361,568	56,004	8
Total.....	354,445	6,732,648	142,996	644,648	128,337	19
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	147,784	2,327,559	75,954	198,876	38,137	6
Miscellaneous.....	3,493	127,547	3,751	4,268	1,698	.....
Total revenue.....	151,277	2,455,106	79,705	203,144	39,835	7
EXPENSE						
Power purchased.....	102,918	1,717,370	63,966	133,435	29,783	5
Local generation.....	.....	.....	.....	.....	.....	.....
Operation and maintenance.....	14,630	210,165	3,292	16,766	5,121	.....
Administration.....	15,204	233,425	4,839	32,532	4,951	.....
Financial.....	930	71,747	4,520	2,698	.....	.....
Depreciation.....	6,650	163,654	4,652	14,965	3,587	.....
Other.....	.....	.....	.....	.....	.....	.....
Total expense.....	140,332	2,396,361	81,269	200,396	43,442	6
Net income or net expense.....	10,945	58,745	1,564	2,748	3,607	.....
Number of customers.....	986	11,894	258	1,316	308	.....

Statements for the Year Ended December 31, 1970

Maygeon	Bolton	Bothwell	Bowman- ville	Bracebridge	Bradford	Braeside	Brampton	Brantford
1,323	2,649	839	8,687	3,400	3,185	488	38,178	59,974
\$	\$	\$	\$	\$	\$	\$	\$	\$
100,298	462,478	100,065	1,143,671	1,171,353	448,911	61,179	8,060,365	8,558,882
16,893	92,907	41,283	511,801	361,068	145,050	15,556	1,578,906	2,633,417
83,405	369,571	58,782	631,870	810,285	303,861	45,623	6,481,459	5,925,465
14,206	13,053	22,078	60,437	.....	10,375	3,866	355,464	130,872
.....	.....	.....	20,000	.....	.....	.....	.....	350,000
.....	.....	.....	59,609	.....	.....	3,000	.....	.....
2,015	14,674	1,535	30,631	22,558	29,756	1,355	566,589	143,565
.....	.....	.....	1,033	.....	1,494	.....	163	4,906
16,221	27,727	23,613	171,710	22,558	41,625	8,221	922,216	629,343
4,339	.....	582	21,945	9,107	14,306	.....	346,440	125,517
3,890	14,375	.....	9,455	9,960	7,989	2,708	63,040	4,406
8,229	14,375	582	31,400	19,067	22,295	2,708	409,480	129,923
85,317	154,084	81,981	961,231	35,936	228,928	108,802	2,075,010	7,467,519
293,172	565,757	164,958	1,796,211	887,846	596,709	165,354	9,888,165	14,152,250
55,300	144,775	.....	.....	77,000	.....	.....	3,414,699	334,478
16,612	51,799	5,961	55,158	72,431	21,760	10,220	966,190	400,414
576	29,027	97	20,915	.....	4,798	139	91,561	124,993
72,488	225,601	6,058	76,073	149,431	26,558	10,359	4,472,450	859,885
85,317	154,084	81,981	961,231	35,936	228,928	108,802	2,075,010	7,467,519
85,317	154,084	81,981	961,231	35,936	228,928	108,802	2,075,010	7,467,519
33,700	50,992	5,534	71,000	428,800	23,351	6,000	808,500	1,360,205
101,466	94,576	71,385	687,907	273,403	317,872	40,193	1,937,950	4,180,262
201	40,504	.....	.....	276	.....	.....	594,255	284,379
135,367	186,072	76,919	758,907	702,479	341,223	46,193	3,340,705	5,824,846
293,172	565,757	164,958	1,796,211	887,846	596,709	165,354	9,888,165	14,152,250
137,535	203,400	47,959	669,282	256,320	196,131	103,431	3,363,683	4,398,575
3,577	5,947	2,864	30,208	12,174	9,771	1,580	35,912	126,670
141,112	209,347	50,823	699,490	268,494	205,902	105,011	3,399,595	4,525,245
91,024	136,443	33,941	534,931	102,833	141,075	100,441	2,210,927	3,373,522
10,793	10,599	3,696	28,553	63,612	17,293	2,448	141,062	228,748
15,592	16,463	7,076	46,457	30,063	22,196	3,016	182,692	255,345
8,292	22,911	.....	.....	17,013	.....	.....	391,782	67,887
10,683	12,310	3,519	42,509	30,140	15,624	2,228	199,976	247,520
136,384	198,726	48,232	652,450	274,876	196,188	108,133	3,126,439	4,173,022
4,728	10,621	2,591	47,040	6,382	9,714	3,122	273,156	352,223
852	931	359	2,921	1,443	1,083	166	12,215	20,833

Municipal Electrical Utilities Finan

Municipality.....	Brantford Twp.	Brechin	Bridgeport	Brigden	Brighton	Brook
Population.....	9,138	260	2,297	550	2,980	19,4
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities.....	1,810,908	28,919	190,500	72,668	348,320	3,257,
Less accumulated depreciation.....	589,283	9,180	36,682	25,801	84,722	933,
Net fixed assets.....	1,221,625	19,739	153,818	46,867	263,598	2,323,
CURRENT ASSETS						
Cash on hand and in bank.....	130,243	1,877	10,266	7,762	1,898	41,
Investments - short-term.....	135,000	2,000	8,000	5,000	.....	130,
- long-term.....	.....	6,500	.....	6,887	.....	2,
Accounts receivable (net).....	16,626	379	2,501	408	6,237	24,
Other.....	.....	.....	.....	66	.....	.....
Total current assets.....	281,869	10,756	20,767	20,123	8,135	198,
OTHER ASSETS						
Inventories.....	26,208	.....	353	30	15,523	65,
Sinking fund on debentures.....	.....	.....	.....	.....	.....	.....
Miscellaneous assets.....	2,325	.....	102	39	1,980	3,
Total other assets.....	28,533	.....	455	69	17,503	68,
Equity in Ontario Hydro.....	634,446	28,271	115,542	56,781	202,084	2,097,
Total.....	2,166,473	58,766	290,582	123,840	491,320	4,688,
LIABILITIES						
Debentures outstanding.....	312,974	.....	10,872	.....	23,700	463,
Current liabilities.....	100,840	1,530	15,810	189	15,356	155,
Other liabilities.....	20,095	221	2,328	235	3,318	2,
Total liabilities.....	433,909	1,751	29,010	424	42,374	621,
RESERVES						
Equity in Ontario Hydro.....	634,446	28,271	115,542	56,781	202,084	2,097,
Other reserves.....	.....	.....	.....	.....	.....	.....
Total reserves.....	634,446	28,271	115,542	56,781	202,084	2,097,
CAPITAL						
Debentures redeemed.....	342,384	2,664	28,777	8,000	41,300	542,
Sinking fund debentures.....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds.....	706,848	26,080	112,085	58,635	201,215	1,388,
Contributed capital.....	48,886	.....	5,168	.....	4,347	38,
Total capital.....	1,098,118	28,744	146,030	66,635	246,862	1,968,
Total.....	2,166,473	58,766	290,582	123,840	491,320	4,688,
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	980,018	12,475	129,114	24,591	173,916	1,708,
Miscellaneous.....	31,147	704	2,477	1,459	4,391	63,
Total revenue.....	1,011,165	13,179	131,591	26,050	178,307	1,772,
EXPENSE						
Power purchased.....	717,753	11,364	78,537	18,038	123,704	1,218,
Local generation.....	.....	.....	.....	.....	.....	.....
Operation and maintenance.....	71,657	884	9,513	2,682	10,647	106,
Administration.....	46,557	1,450	15,974	2,768	17,028	132,
Financial.....	57,210	.....	2,556	.....	3,542	86,
Depreciation.....	59,431	922	5,156	2,419	9,488	98,
Other.....	.....	.....	.....	.....	.....	.....
Total expense.....	952,608	14,620	111,736	25,907	164,409	1,642,
Net income or net expense.....	58,557	1,441	19,855	143	13,898	130,
Number of customers.....	2,956	105	668	221	1,194	7

Statements for the Year Ended December 31, 1970

russels	Burford	Burgessville	Burk's Falls	Burlington	Cache Bay	Caledonia	Campbell- ford	Campbell- ville
857	1,150	300	832	82,620	727	3,082	3,534	260
\$	\$	\$	\$	\$	\$	\$	\$	\$
10,419	157,106	48,073	114,215	11,196,275	67,927	313,338	965,949	30,434
16,765	63,259	15,654	33,464	2,338,459	29,795	101,635	289,051	10,999
93,654	93,847	32,419	80,751	8,857,816	38,132	211,703	676,898	19,435
9,910	15,441	2,655	8,155	267,168	1,519	29,461	15,192	6,457
10,000	.....	.....	.....	250,000	16,000	.....	15,000	1,000
.....	3,500	1,500	11,690	35,000	10,000	.....	.....	983
2,326	2,123	1,943	4,328	254,716	4,285	3,481	4,943	1,291
.....	.....	.....	.....	55,807	143	.....	197	60
22,236	21,064	6,098	24,173	862,691	31,947	32,942	35,332	9,791
173	71	.....	.....	223,845	184	879	18,065	.....
4,916	.....	.....	.....	57,093	1,032	.....	2,431	.....
5,089	71	.....	.....	280,938	1,216	879	20,496	.....
110,728	117,793	35,252	63,577	2,879,891	35,284	173,040	64,784	25,927
231,707	232,775	73,769	168,501	12,881,336	106,579	418,564	797,510	55,153
.....	3,264	.....	.....	2,206,200	.....	.....	98,400	.....
6,536	10,338	2,010	6,319	726,272	2,575	9,229	20,443	1,419
381	2,338	270	193	248,290	271	4,670	3,109	.....
6,917	15,940	2,280	6,512	3,180,762	2,846	13,899	121,952	1,419
110,728	117,793	35,252	63,577	2,879,891	35,284	173,040	64,784	25,927
.....
110,728	117,793	35,252	63,577	2,879,891	35,284	173,040	64,784	25,927
28,000	17,590	3,500	29,147	1,235,856	25,359	15,525	54,100	5,448
.....
86,062	81,452	32,737	69,265	4,653,759	43,090	213,479	555,745	22,359
.....	.....	.....	.....	931,068	.....	2,621	929	.....
114,062	99,042	36,237	98,412	6,820,683	68,449	231,625	610,774	27,807
231,707	232,775	73,769	168,501	12,881,336	106,579	418,564	797,510	55,153
57,277	86,654	19,977	77,527	5,736,944	20,858	146,424	216,814	13,077
1,788	5,559	815	1,287	187,199	2,510	3,878	11,723	835
59,065	92,213	20,792	78,814	5,924,143	23,368	150,302	228,537	13,912
42,304	56,297	15,581	58,158	4,060,003	16,315	89,291	106,565	10,583
.....	.....	.....	.....	.....	.....	.....	12,019	.....
3,441	11,235	1,398	5,187	363,213	1,360	11,077	19,761	470
4,507	9,141	1,411	6,032	308,870	3,928	17,786	33,723	1,685
.....	1,236	.....	.....	317,695	7	.....	12,742	.....
3,200	5,790	1,799	3,231	309,270	2,524	9,504	24,791	1,300
.....
53,452	83,699	20,189	72,608	5,359,051	24,134	127,658	209,601	14,038
5,613	8,514	603	6,206	565,092	766	22,644	18,936	126
414	471	110	388	21,381	200	1,045	1,438	98

Municipal Electrical Utilities Financial Statements

Municipality.....	Cannington	Capreol	Cardinal	Carleton Place	Casselman	Cayuga
Population.....	1,068	3,271	1,841	4,981	1,306	1,050
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	138,640	398,984	119,615	560,435	153,713	161,000
Less accumulated depreciation.....	49,599	80,128	39,255	148,363	41,423	54,000
Net fixed assets.....	89,041	318,856	80,360	412,072	112,290	107,000
CURRENT ASSETS						
Cash on hand and in bank.....	8,518	30,784	125	59,050	1,606	13,000
Investments – short-term.....	8,000				3,000	10,000
– long-term.....	500		1,500	15,000	8,000	5,000
Accounts receivable (net).....	1,839	1,711	3,875	4,212	1,917	2,000
Other.....	490	260	208		272	
Total current assets.....	19,347	32,755	5,708	78,262	14,795	31,000
OTHER ASSETS						
Inventories.....				11,357		
Sinking fund on debentures.....						
Miscellaneous assets.....	516	8,230	2,855	248	7,797	1,000
Total other assets.....	516	8,230	2,855	11,605	7,797	1,000
Equity in Ontario Hydro.....	107,817	180,230	121,221	622,816	62,933	82,000
Total.....	216,721	540,071	210,144	1,124,755	197,815	222,000
LIABILITIES						
Debentures outstanding.....		38,800		22,750	10,000	
Current liabilities.....	5,411	17,183	9,798	25,785	11,435	5,000
Other liabilities.....	833	9,845	765	7,510	58	
Total liabilities.....	6,244	65,828	10,563	56,045	21,493	6,000
RESERVES						
Equity in Ontario Hydro.....	107,817	180,230	121,221	622,816	62,933	82,000
Other reserves.....						
Total reserves.....	107,817	180,230	121,221	622,816	62,933	82,000
CAPITAL						
Debentures redeemed.....	14,532	83,200	11,014	85,547	60,000	20,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	87,928	207,385	67,346	333,848	52,478	113,000
Contributed capital.....	200	3,428		26,499	911	
Total capital.....	102,660	294,013	78,360	445,894	113,389	133,000
Total.....	216,721	540,071	210,144	1,124,755	197,815	222,000
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	61,538	208,666	69,585	347,932	80,976	72,000
Miscellaneous.....	2,865	3,463	1,268	5,671	1,889	4,000
Total revenue.....	64,403	212,129	70,853	353,603	82,865	76,000
EXPENSE						
Power purchased.....	50,346	131,761	51,424	234,589	65,519	46,000
Local generation.....						
Operation and maintenance.....	3,154	15,405	5,310	31,268	2,618	5,000
Administration.....	8,154	24,139	7,611	33,574	8,169	10,000
Financial.....		8,497		6,338	5,306	
Depreciation.....	5,460	10,429	4,052	16,022	4,392	5,000
Other.....						
Total expense.....	67,114	190,231	68,397	321,791	86,004	67,000
Net income or net expense.....	2,711	21,898	2,456	31,812	3,139	8,000
Number of customers.....	491	1,148	680	1,913	441	400

Statements for the Year Ended December 31, 1970

Chalk River 1,090	Chapleau Twp. 3,529	Chatham 33,291	Chatsworth 399	Chesley 1,699	Chesterville 1,285	Chippawa 4,300	Clifford 540	Clinton 2,975
\$ 96,006 39,197	\$ 349,001 20,757	\$ 5,283,578 1,438,802	\$ 45,537 17,351	\$ 198,820 89,004	\$ 129,719 42,103	\$ 411,094 111,136	\$ 88,348 23,105	\$ 507,095 176,090
56,809	328,244	3,844,776	28,186	109,816	87,616	299,958	65,243	331,005
6,989 3,000	45,135	105,762 250,000	4,454	9,233 15,000	18,859	43	4,514	42,774
602	3,454 3,020	100,000 283,958 3,996	13,910 1,397	4,000 5,527	6,000 3,166 1,300	..... 6,885	3,000 .....	..... 4,032
10,591	51,609	743,716	19,761	33,760	29,325	6,928	7,514	46,806
.....	350	180,724 .....	..... .....	1,155 .....	..... .....	713 .....	..... .....	5,913
2,633	7,701	42,798	.....	.....	4,139	528	.....	.....
2,633 39,314	8,051 66,911	223,522 3,278,043	..... 42,878	1,155 238,572	4,139 199,442	1,241 169,910	..... 64,308	5,913 356,966
09,347	454,815	8,090,057	90,825	383,303	320,522	478,037	137,065	740,690
23,500 3,611 522	39,000 86,767 11,758	110,395 229,767 .....	..... 2,702 331	..... 9,026 1,215	..... 11,616 1,186	29,500 26,088 2,940	2,118 4,361 189	14,000 18,062 4,859
27,633	137,525	340,162	3,033	10,241	12,802	58,528	6,668	36,921
39,314	66,911	3,278,043	42,878	238,572	199,442	169,910	64,308	356,966
39,314	66,911	3,278,043	42,878	238,572	199,442	169,910	64,308	356,966
31,500	76,000	1,406,914	5,014	24,410	5,889	48,850	12,811	107,673
10,900	166,200 8,179	2,907,565 157,373	39,900	109,740 340	102,389	182,359 18,390	53,278	239,130
42,400	250,379	4,471,852	44,914	134,490	108,278	249,599	66,089	346,803
09,347	454,815	8,090,057	90,825	383,303	320,522	478,037	137,065	740,690
42,945 1,138	213,988 7,991	3,002,358 73,793	20,709 1,706	104,280 1,539	105,132 2,553	180,219 2,037	33,001 1,305	223,002 10,195
44,083	221,979	3,076,151	22,415	105,819	107,685	182,256	34,306	233,197
32,292	130,304	1,992,747	17,736	73,475	96,678	117,083	26,226	144,749
2,595 2,872 4,458 3,261	20,451 38,341 12,189 7,217	518,845 256,627 42,570 124,163	1,967 2,683 1,879	7,467 13,273 6,099	3,150 9,442 4,268	20,362 28,182 6,343 11,425	3,701 2,627 569 2,772	24,199 32,496 2,639 14,709
45,478	208,502	2,934,952	24,265	100,314	113,538	183,395	35,895	218,792
1,395	13,477	141,199	1,850	5,505	5,853	1,139	1,589	14,405
287	1,066	11,088	194	804	498	1,413	253	1,319

Municipal Electrical Utilities Financial Statements

Municipality.....	Cobden	Cobourg	Cochrane	Colborne	Coldwater	Collingwood
Population.....	872	10,881	4,845	1,560	761	9,262
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	102,989	1,593,980	690,948	226,728	88,075	1,344,948
Less accumulated depreciation.....	33,197	665,138	179,897	41,068	20,227	329,548
Net fixed assets.....	69,792	928,842	511,051	185,660	67,848	1,015,399
CURRENT ASSETS						
Cash on hand and in bank.....	3,476	54,929	25,519	3,307	6,014	90,848
Investments – short-term.....		145,000	25,000			4,000
– long-term.....	6,000	5,000			22,500	4,700
Accounts receivable (net).....	1,105	14,942	30,776	10,487	3,037	26,800
Other.....	850	474	653	127	4	400
Total current assets.....	11,431	220,345	81,948	13,921	31,555	126,948
OTHER ASSETS						
Inventories.....		20,023	25,629	17,789		32,900
Sinking fund on debentures.....						
Miscellaneous assets.....	1,029		19,165	10,307		48,400
Total other assets.....	1,029	20,023	44,794	28,096		81,400
Equity in Ontario Hydro.....	69,035	1,195,914	193,859	117,149	93,346	1,038,100
Total.....	151,287	2,365,124	831,652	344,826	192,749	2,261,948
LIABILITIES						
Debentures outstanding.....			20,500			231,000
Current liabilities.....	147	79,138	41,666	11,234	18,354	70,700
Other liabilities.....	370	14,027	20,280	12,102	603	10,200
Total liabilities.....	517	93,165	82,446	23,336	18,957	312,000
RESERVES						
Equity in Ontario Hydro.....	69,035	1,195,914	193,859	117,149	93,346	1,038,100
Other reserves.....						
Total reserves.....	69,035	1,195,914	193,859	117,149	93,346	1,038,100
CAPITAL						
Debentures redeemed.....	4,949	105,993	124,500	12,195	6,868	61,100
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	70,490	956,051	429,047	191,545	73,578	845,000
Contributed capital.....	6,296	14,001	1,800	601		5,500
Total capital.....	81,735	1,076,045	555,347	204,341	80,446	911,700
Total.....	151,287	2,365,124	831,652	344,826	192,749	2,261,948
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	46,112	1,022,118	329,319	122,381	61,884	1,048,200
Miscellaneous.....	1,387	43,689	16,376	3,340	1,494	26,700
Total revenue.....	47,499	1,065,807	345,695	125,721	63,378	1,075,000
EXPENSE						
Power purchased.....	40,745	855,689	199,127	87,206	49,202	773,900
Local generation.....						
Operation and maintenance.....	3,043	47,832	41,953	7,433	3,609	57,500
Administration.....	4,450	63,941	46,587	14,128	5,997	59,000
Financial.....			8,574			28,500
Depreciation.....	3,320	64,326	19,967	5,300	2,540	37,900
Other.....						
Total expense.....	51,558	1,031,788	316,208	114,067	61,348	958,100
Net income or net expense.....	4,059	34,019	29,487	11,654	2,030	116,800
Number of customers.....	397	3,658	1,511	654	352	3,000

Statements for the Year Ended December 31, 1970

Conover	Coniston	Cookstown	Cottam	Courtright	Creemore	Dashwood	Deep River	Delaware
640	2,933	799	650	626	958	400	5,574	450
\$ 09,035	\$ 197,639	\$ 77,466	\$ 78,270	\$ 69,986	\$ 104,798	\$ 54,480	\$ 875,295	\$ 45,852
37,552	45,196	26,410	31,472	12,214	25,448	7,015	295,652	21,234
71,483	152,443	51,056	46,798	57,772	79,350	47,465	579,643	24,618
12,320	4,583	16,544	4,849	3,634	4,534	35,140	.....	8,268
.....	.....	.....	8,000	.....	.....	.....	.....	19,000
.....	.....	.....	3,000	.....	5,000	.....	30,000	.....
1,120	7,115	868	1,650	2,335	2,877	470	4,991	1,238
258	437	.....	.....	.....	400	.....	.....	.....
13,698	12,135	17,412	17,499	5,969	12,811	35,610	34,991	28,506
269	884	.....	.....	25	461	.....	14,227	.....
.....	21,343	.....	421	4,352	.....	.....	8,779	.....
269	22,227	.....	421	4,377	461	.....	23,006	.....
77,769	64,073	54,717	43,828	37,380	83,000	57,456	231,567	35,319
63,219	250,878	123,185	108,546	105,498	175,622	140,531	869,207	88,443
.....	20,000	.....	.....	12,000	.....	.....	123,487	.....
3,212	16,230	7,397	2,965	3,258	4,174	182	23,296	2,110
144	11,677	636	.....	810	667	.....	1,260	171
3,356	47,907	8,033	2,965	16,068	4,841	182	148,043	2,281
77,769	64,073	54,717	43,828	37,380	83,000	57,456	231,567	35,319
.....
77,769	64,073	54,717	43,828	37,380	83,000	57,456	231,567	35,319
12,489	30,000	12,001	13,893	8,138	2,824	3,400	107,513	4,000
.....
61,531	103,698	47,784	47,860	43,912	84,957	79,493	109,219	46,265
8,074	5,200	650	.....	.....	.....	.....	272,865	578
82,094	138,898	60,435	61,753	52,050	87,781	82,893	489,597	50,843
163,219	250,878	123,185	108,546	105,498	175,622	140,531	869,207	88,443
.....
.....
33,422	113,628	45,668	28,994	26,666	54,438	28,863	371,592	23,343
1,741	1,661	760	1,805	886	2,683	1,408	13,333	2,830
35,163	115,289	46,428	30,799	27,552	57,121	30,271	384,925	26,173
.....
20,774	87,427	35,659	20,177	17,061	41,678	18,151	285,008	17,161
.....
2,495	4,251	4,733	2,362	2,615	4,037	1,370	31,150	1,614
6,213	11,458	2,173	4,407	4,346	4,346	2,787	31,443	2,080
.....	4,220	.....	.....	720	.....	.....	18,255	.....
3,674	5,268	2,630	2,943	1,811	4,014	1,475	27,288	1,924
.....
33,156	112,624	45,195	29,889	26,553	54,075	23,783	393,144	22,779
2,007	2,665	1,233	910	999	3,046	6,488	8,219	3,394
244	765	309	264	233	397	192	1,546	158

Municipal Electrical Utilities Financial Statements

Municipality.....	Delhi	Deseronto	Dorchester	Drayton	Dresden	Drummondville
Population.....	3,694	1,830	1,150	735	2,375	460
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	
Plant and facilities at cost.....	621,880	196,491	103,613	128,847	397,713	49,000
Less accumulated depreciation.....	189,876	90,877	38,963	21,488	99,714	19,000
Net fixed assets.....	432,004	105,614	64,650	107,359	297,999	30,000
CURRENT ASSETS						
Cash on hand and in bank.....	2,497	205	12,858	5,514	17,389	1,000
Investments - short-term.....	45,000					
- long-term.....		4,000	1,500	8,612	1,000	1,000
Accounts receivable (net).....	8,374	12,662	1,200	261	5,489	1,000
Other.....	15	696		30		
Total current assets.....	55,886	17,563	15,558	14,417	23,878	3,000
OTHER ASSETS						
Inventories.....	14,495	12,368			5,252	
Sinking fund on debentures.....						
Miscellaneous assets.....			167			
Total other assets.....	14,495	12,368	167		5,252	
Equity in Ontario Hydro.....	274,088	136,868	63,918	78,400	253,555	45,000
Total.....	776,473	272,413	144,293	200,176	580,684	79,000
LIABILITIES						
Debentures outstanding.....			656			
Current liabilities.....	21,124	9,686	3,791	6,096	14,405	6,000
Other liabilities.....	6,968	1,249	617	802	2,589	
Total liabilities.....	28,092	10,935	5,064	6,898	16,994	6,000
RESERVES						
Equity in Ontario Hydro.....	274,088	136,868	63,918	78,400	253,555	45,000
Other reserves.....						
Total reserves.....	274,088	136,868	63,918	78,400	253,555	45,000
CAPITAL						
Debentures redeemed.....	85,000	15,000	6,644	9,500	51,223	4,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	350,952	109,610	68,667	104,679	258,527	22,000
Contributed capital.....	38,341			699	385	
Total capital.....	474,293	124,610	75,311	114,878	310,135	27,000
Total.....	776,473	272,413	144,293	200,176	580,684	79,000
B. OPERATING STATEMENT						
REVENUE						
Sales of electrical energy.....	252,203	100,050	47,443	46,115	221,532	18,000
Miscellaneous.....	11,448	7,045	2,303	1,278	3,777	1,000
Total revenue.....	263,651	107,095	49,746	47,393	225,309	20,000
EXPENSE						
Power purchased.....	187,517	82,305	36,074	31,756	156,798	16,000
Local generation.....						
Operation and maintenance.....	24,950	9,330	3,046	5,159	15,653	2,000
Administration.....	28,504	12,954	3,733	3,511	29,766	1,000
Financial.....			241		1,123	
Depreciation.....	17,405	8,662	4,002	3,554	9,062	2,000
Other.....						
Total expense.....	258,376	113,251	47,096	43,980	212,402	22,000
Net income or net expense.....	5,275	6,156	2,650	3,413	12,907	2,000
Number of customers.....	1,666	643	388	311	991	

Statements for the Year Ended December 31, 1970

Yden	Dublin	Dundalk	Dundas	Dunnville	Durham	Dutton	East York	Eganville
737	300	1,053	16,577	5,343	2,470	838	100,878	1,354
\$	\$	\$	\$	\$	\$	\$	\$	\$
0,464	66,329	116,442	2,933,955	789,271	317,780	104,106	12,041,798	235,223
3,989	21,209	23,255	693,022	217,658	96,888	25,608	3,994,475	90,204
6,475	45,120	93,187	2,240,933	571,613	220,892	78,498	8,047,323	145,019
2,487	2,322	8,240	53,332	13,839	15,013	1,680	31,996	5,518
5,000	.....	10,000	.....	33,000	11,837	.....	100,000	15,000
.....	1,000	1,500	8,500	.....	21,296	.....	100,000	14,818
2,185	234	4,887	80,614	6,816	17,750	584	588,471	2,988
366	.....	.....	2,703	1,809	.....	.....	147	.....
0,038	3,556	24,627	145,149	55,464	65,896	2,264	820,614	38,324
7,429	.....	128	30,652	38,688	1,200	13	113,284	2,249
.....	.....	.....	.....	.....	.....	.....	137,095	.....
4,338	.....	.....	20,438	.....	3,770	.....	87,260	.....
1,767	.....	128	51,090	38,688	4,970	13	337,639	2,249
6,681	40,485	105,413	1,168,788	584,202	242,558	99,212	7,640,732	47,968
4,961	89,161	223,355	3,605,960	1,249,967	534,316	179,987	16,846,308	233,560
67,000	.....	.....	862,200	15,380	22,000	.....	1,841,903	.....
4,879	165	200	130,112	26,087	18,805	4,342	706,591	6,347
3,018	58	436	72,609	13,723	1,215	6,754	218,361	738
4,897	223	636	1,064,921	55,190	42,020	11,096	2,766,855	7,085
6,681	40,485	105,413	1,168,788	584,202	242,558	99,212	7,640,732	47,968
.....
6,681	40,485	105,413	1,168,788	584,202	242,558	99,212	7,640,732	47,968
34,430	6,200	5,727	432,824	124,559	33,324	8,407	1,704,260	98,007
.....	.....	.....	.....	.....	.....	.....	137,095	.....
78,953	40,699	111,579	758,920	457,229	216,414	61,222	4,351,382	80,500
.....	1,554	.....	180,507	28,787	.....	50	245,984	.....
13,383	48,453	117,306	1,372,251	610,575	249,738	69,679	6,438,721	178,507
34,961	89,161	223,355	3,605,960	1,249,967	534,316	179,987	16,846,308	233,560
.....
26,757	27,467	78,558	1,080,509	364,519	157,023	46,365	5,972,215	77,911
22,689	391	2,162	35,180	5,140	8,693	671	250,453	2,181
49,446	27,858	80,720	1,115,689	369,659	165,716	47,036	6,222,668	80,092
.....
89,293	18,634	59,422	743,322	267,609	122,817	24,903	4,413,974	51,201
.....	.....	.....	.....	.....	.....	.....	.....	8,936
60,055	1,915	6,080	112,145	33,494	15,347	5,435	470,090	4,595
46,936	3,143	7,619	94,268	30,745	18,938	3,668	557,789	7,550
11,380	.....	.....	110,295	5,170	2,526	981	244,895	.....
34,964	2,206	2,967	80,117	20,483	9,900	3,275	380,375	6,577
.....
42,628	25,898	76,088	1,140,147	357,501	169,528	38,262	6,067,123	78,859
6,818	1,960	4,632	24,458	12,158	3,812	8,774	155,545	1,233
2,260	126	550	5,258	2,106	983	378	35,022	513

Municipal Electrical Utilities Financial Statements

Municipality.....	Elmira	Elmvale	Elmwood	Elora	Embro	Embsay
Population.....	4,610	1,082	500	1,839	692	1,444
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	671,583	126,246	26,830	238,380	88,198	168,000
Less accumulated depreciation.....	220,948	39,624	11,958	86,578	36,831	44,000
Net fixed assets.....	450,635	86,622	14,872	151,802	51,367	123,999
CURRENT ASSETS						
Cash on hand and in bank.....	200	14,515	4,545	21,910	4,519	9,000
Investments - short-term.....	125,000		6,000			
- long-term.....	30,000	12,000	1,000		3,000	
Accounts receivable (net).....	10,248	2,952	692	2,441	2,157	2,000
Other.....	406					
Total current assets.....	165,854	29,467	12,237	24,351	9,676	11,000
OTHER ASSETS						
Inventories.....	679	321		928		
Sinking fund on debentures.....						
Miscellaneous assets.....	1,001				5,150	
Total other assets.....	1,680	321		928	5,150	
Equity in Ontario Hydro.....	627,510	102,347	35,074	193,229	70,161	45,000
Total	1,245,679	218,757	62,183	370,310	136,354	188,000
LIABILITIES						
Debentures outstanding.....						90,000
Current liabilities.....	38,554	6,115	1,758	9,896	3,946	5,000
Other liabilities.....	5,470	769	99	3,720	1,170	
Total liabilities.....	44,024	6,884	1,857	13,616	5,116	100,000
RESERVES						
Equity in Ontario Hydro.....	627,510	102,347	35,074	193,229	70,161	45,000
Other reserves.....						
Total reserves.....	627,510	102,347	35,074	193,229	70,161	45,000
CAPITAL						
Debentures redeemed.....	37,169	6,544	6,106	19,861	7,500	15,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	532,071	102,982	19,146	141,948	53,577	18,000
Contributed capital.....	4,905			1,656		
Total capital.....	574,145	109,526	25,252	163,465	61,077	33,000
Total	1,245,679	218,757	62,183	370,310	136,354	188,000
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	440,984	76,900	14,272	118,713	40,777	100,000
Miscellaneous.....	19,555	2,867	732	3,653	2,780	
Total revenue	460,539	79,767	15,004	122,366	43,557	100,000
EXPENSE						
Power purchased.....	362,588	59,435	12,804	79,835	31,302	70,000
Local generation.....						
Operation and maintenance.....	20,858	1,789	755	15,663	1,422	
Administration.....	31,124	7,711	2,106	13,075	3,824	
Financial.....				573	59	
Depreciation.....	19,933	4,518	1,054	7,306	3,590	
Other.....						
Total expense	434,503	73,453	16,719	116,452	40,197	90,000
Net income or net expense	26,036	6,314	1,715	5,914	3,360	10,000
Number of customers.....	1,564	487	161	667	277	

Statements for the Year Ended December 31, 1970

Water	Erie Beach	Erin	Espanola	Essex	Etobicoke	Exeter	Fenelon Falls	Fergus
10	220	1,365	5,607	3,821	275,877	3,278	1,443	5,319
\$	\$	\$	\$	\$	\$	\$	\$	\$
1,570	27,699	156,172	587,999	518,906	42,421,704	661,726	327,563	738,545
3,489	8,877	36,179	144,364	176,177	9,021,207	184,843	97,030	221,830
5,081	18,822	119,993	443,635	342,729	33,400,497	476,883	230,533	516,715
3,153	5,274	30,333	7,094	20,697	.....	37,148	7,859	107,520
1,800	5,000	.....	6,000	.....	.....	.....	.....	50,000
1,309	311	2,508	18,606	10,121	455,000	9,063	.....	.....
.....	.....	507	1,321	.....	851,799	5,817	4,207	10,986
.....	.....	.....	.....	.....	5,894	202	.....	.....
2,262	10,585	33,348	33,021	30,818	1,312,693	52,230	12,066	168,506
168	.....	1,218	1,113	16,678	950,902	840	2,723	954
.....	.....	.....	.....	.....	3,458,609	.....	.....	.....
.....	.....	.....	5,889	2,147	146,326	1,217	.....	2,249
168	.....	1,218	7,002	18,825	4,555,837	2,057	2,723	3,203
1,969	12,822	59,573	129,230	284,905	18,188,826	363,365	15,470	628,637
4,480	42,229	214,132	612,888	677,277	57,457,853	894,535	260,792	1,317,061
.....
5,234	1,275	12,653	95,500	4,000	9,085,978	37,547	54,000	113,500
374	216	1,303	67,975	41,252	2,718,022	18,906	13,577	50,505
.....	.....	.....	16,210	300	431,274	2,925	3,397	4,726
5,608	1,491	13,956	179,685	45,552	12,235,274	59,378	70,974	168,731
1,969	12,822	59,573	129,230	284,905	18,188,826	363,365	15,470	628,637
.....
1,969	12,822	59,573	129,230	284,905	18,188,826	363,365	15,470	628,637
5,529	7,783	14,242	49,500	47,018	3,874,786	27,453	106,000	71,461
.....	.....	.....	.....	.....	3,458,609	.....	.....	.....
3,374	20,133	120,061	160,367	294,822	16,297,513	395,945	68,348	433,227
.....	.....	6,300	94,106	4,980	3,402,845	48,394	.....	15,005
3,903	27,916	140,603	303,973	346,820	27,033,753	471,792	174,348	519,693
4,480	42,229	214,132	612,888	677,277	57,457,853	894,535	260,792	1,317,061
.....
6,758	10,121	101,295	314,661	230,492	22,633,618	275,551	143,947	592,104
1,706	558	6,403	10,175	5,708	366,365	4,937	1,772	13,119
3,464	10,679	107,698	324,836	236,200	22,999,983	280,488	145,719	605,223
.....
2,674	6,428	69,574	222,765	162,259	17,211,003	179,964	76,159	465,284
.....	.....	.....	.....	.....	.....	.....	26,948	.....
4,988	1,491	8,128	27,053	18,912	1,439,885	23,824	12,199	32,518
5,549	1,887	9,412	36,949	35,578	1,150,932	37,439	11,683	37,114
.....	.....	.....	13,297	1,703	1,031,050	3,712	9,395	10,780
3,670	923	5,724	15,528	14,733	1,078,392	18,891	8,545	22,508
.....
6,881	10,729	92,838	315,592	233,185	21,911,262	263,830	144,929	568,204
1,583	50	14,860	9,244	3,015	1,088,721	16,658	790	37,019
397	153	525	1,706	1,349	86,590	1,421	892	1,873

Municipal Electrical Utilities Financial Statements

Municipality.....	Finch	Flesherton	Ponthill	Forest	Frankford	Guelph
Population.....	404	506	3,000	2,270	1,926	37,000
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	
Plant and facilities at cost.....	64,921	58,770	279,855	283,404	181,656	5,601,000
Less accumulated depreciation.....	18,701	19,927	104,727	140,415	61,568	1,995,000
Net fixed assets.....	46,220	38,843	175,128	142,989	120,088	3,606,000
CURRENT ASSETS						
Cash on hand and in bank.....	4,231	6,864	32,644	16,251	6,509	37,000
Investments – short-term.....						175,000
– long-term.....	6,000	6,000		10		45,000
Accounts receivable (net).....	4,943	1,382	1,700	3,637	621	95,000
Other.....					1,033	3,000
Total current assets.....	15,174	14,246	34,344	19,898	8,163	360,000
OTHER ASSETS						
Inventories.....			172	2,809		125,000
Sinking fund on debentures.....						
Miscellaneous assets.....					355	45,000
Total other assets.....			172	2,809	355	168,000
Equity in Ontario Hydro.....	44,903	54,905	141,462	271,438	72,897	4,062,000
Total	106,297	107,994	351,106	437,134	201,503	8,197,000
LIABILITIES						
Debentures outstanding.....			1,500		10,500	
Current liabilities.....	7,529	8,117	12,508	15,304	8,784	210,000
Other liabilities.....	412	2,267	2,478	1,793	1,750	108,000
Total liabilities.....	7,941	10,384	16,486	17,097	21,034	328,000
RESERVES						
Equity in Ontario Hydro.....	44,903	54,905	141,462	271,438	72,897	4,062,000
Other reserves.....						
Total reserves.....	44,903	54,905	141,462	271,438	72,897	4,062,000
CAPITAL						
Debentures redeemed.....	7,000	5,831	58,673	23,357	22,500	81,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	42,202	35,971	131,135	125,242	82,174	2,720,000
Contributed capital.....	4,251	903	3,350		2,898	26,000
Total capital.....	53,453	42,705	193,158	148,599	107,572	3,807,000
Total	106,297	107,994	351,106	437,134	201,503	8,197,000
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	23,132	46,609	129,233	158,919	92,895	2,920,000
Miscellaneous.....	439	1,086	6,015	9,116	6,250	3,000
Total revenue	23,571	47,695	135,248	168,035	99,145	2,953,000
EXPENSE						
Power purchased.....	17,282	37,215	93,901	122,376	73,136	2,190,000
Local generation.....						
Operation and maintenance.....	2,710	1,946	8,790	15,788	6,222	23,000
Administration.....	2,236	2,201	12,073	21,693	11,342	17,000
Financial.....		356	589		1,215	
Depreciation.....	1,938	2,198	10,637	10,382	8,023	16,000
Other.....						
Total expense	24,166	43,916	125,990	170,239	99,938	2,777,000
Net income or net expense	595	3,779	9,258	2,204	793	18,000
Number of customers.....	181	266	922	974	685	1,000

ements for the Year Ended December 31, 1970

town	Glencoe	Gloucester	Goderich	Grand Bend	Grand Valley	Granton	Gravenhurst	Grimsby
43	1,355	31,992	6,583	711	908	350	3,300	6,800
	\$	\$	\$	\$	\$	\$	\$	\$
378	217,800	4,861,133	1,246,362	253,348	81,976	30,662	439,848	780,302
991	76,434	1,112,706	422,196	75,626	28,423	7,006	129,920	223,449
387	141,366	3,748,427	824,166	177,722	53,553	23,656	309,928	556,853
803	1,248	64,393	89,135	11,523	16,764	10,429	110	21,744
000	.....	675,000	.....	.....	15,000	.....	.....	40,000
000	.....	.....	98,000	.....	3,000	.....	7,000	.....
657	4,366	213,259	14,531	3,324	1,998	1,257	10,216	3,801
667	147	9,812	115	78	392	471	.....	260
127	5,761	962,464	201,781	14,925	37,154	12,157	17,326	65,805
438	531	174,373	5,101	753	150	.....	9,648	.....
198	147	15,912	.....	.....	.....	.....	.....	.....
	147	123,449	.....	7,841	.....	670	1,804	2,892
636	678	313,734	5,101	8,594	150	670	11,452	2,892
653	128,195	862,827	936,434	97,850	90,185	33,568	378,980	330,418
803	276,000	5,887,452	1,967,482	299,091	181,042	70,051	717,686	955,968
079	.....	3,236,550	9,000	24,186	.....	.....	65,000	42,000
640	6,479	256,971	62,917	8,242	4,453	53	13,633	32,924
913	647	10,342	.....	1,199	.....	.....	4,366	12,007
632	7,126	3,503,863	71,917	33,627	4,453	53	82,999	86,931
653	128,195	862,827	936,434	97,850	90,185	33,568	378,980	330,418
653	128,195	862,827	936,434	97,850	90,185	33,568	378,980	330,418
508	20,113	371,913	203,960	66,814	10,794	6,602	49,279	133,344
813	108,022	356,677	743,161	94,384	75,610	29,828	198,749	401,122
197	12,544	776,260	12,010	6,416	.....	.....	7,679	4,153
518	140,679	1,520,762	959,131	167,614	86,404	36,430	255,707	538,619
803	276,000	5,887,452	1,967,482	299,091	181,042	70,051	717,686	955,968
683	99,060	2,377,999	612,984	104,337	52,839	16,094	229,475	342,949
672	1,916	112,729	23,619	2,528	1,915	1,005	8,292	17,071
355	100,976	2,490,728	636,603	106,865	54,754	17,099	237,767	360,020
505	58,836	1,576,070	441,729	58,769	40,903	11,147	168,654	247,136
691	10,069	105,926	43,513	14,759	3,516	1,395	21,676	36,058
625	11,092	172,106	72,754	18,789	3,751	1,976	18,704	49,636
996	404	291,588	9,280	6,821	.....	.....	11,084	8,985
2768	7,043	151,264	37,939	7,233	2,679	925	13,892	24,812
585	87,444	2,296,954	605,215	106,371	50,849	15,443	234,010	366,627
770	13,532	193,774	31,388	494	3,905	1,656	3,757	6,607
089	706	8,310	2,755	874	383	126	1,544	2,459

Municipal Electrical Utilities Financial Statements

Municipality.....	Guelph	Hagersville	Hamilton	Hanover	Harriston	Hamilton
Population.....	57,202	2,281	296,857	4,943	1,757	1,757
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	9,328,938	297,541	38,258,465	567,423	319,139	33,258,465
Less accumulated depreciation.....	1,912,392	86,104	6,915,187	212,132	87,072	11,258,465
Net fixed assets.....	7,416,546	211,437	31,343,278	355,291	232,067	22,000,000
CURRENT ASSETS						
Cash on hand and in bank.....	151,798	11,728	407,778	24,947	29,065	2,000,000
Investments - short-term.....	138,295	20,000	1,205,000			
- long-term.....		11,000		42,000	7,000	
Accounts receivable (net).....	121,109	1,086	2,744,799	27,924	1,217	
Other.....	4,680		13,131			
Total current assets.....	415,882	43,814	4,370,708	94,871	37,282	2,040,000
OTHER ASSETS						
Inventories.....	182,162	65	1,065,324	14,275	520	
Sinking fund on debentures.....						
Miscellaneous assets.....	8,011	1,000	78,703	28,256	358	
Total other assets.....	190,173	1,065	1,144,027	42,531	878	
Equity in Ontario Hydro.....	5,454,272	391,226	54,806,874	636,504	236,568	24,000,000
Total.....	13,476,873	647,542	91,664,887	1,129,197	506,795	50,000,000
LIABILITIES						
Debentures outstanding.....	1,001,000		317,000		28,000	
Current liabilities.....	176,356	14,175	2,969,068	35,229	10,211	3,000,000
Other liabilities.....	112,762	2,182	278,341	4,245	1,988	
Total liabilities.....	1,290,118	16,357	3,564,409	39,474	40,199	3,000,000
RESERVES						
Equity in Ontario Hydro.....	5,454,272	391,226	54,806,874	636,504	236,568	24,000,000
Other reserves.....			203,812			
Total reserves.....	5,454,272	391,226	55,010,686	636,504	236,568	24,000,000
CAPITAL						
Debentures redeemed.....	1,258,345	8,000	7,392,892	80,162	37,708	1,000,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	4,789,268	230,747	24,952,446	358,051	189,668	21,000,000
Contributed capital.....	684,870	1,212	744,454	15,006	2,652	
Total capital.....	6,732,483	239,959	33,089,792	453,219	230,028	22,000,000
Total.....	13,476,873	647,542	91,664,887	1,129,197	506,795	50,000,000
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	5,530,921	182,694	36,794,299	415,503	142,590	15,000,000
Miscellaneous.....	151,162	4,873	476,135	6,807	3,275	1,000,000
Total revenue.....	5,682,083	187,567	37,270,434	422,310	145,865	16,000,000
EXPENSE						
Power purchased.....	4,084,969	136,316	31,321,276	339,392	101,236	11,000,000
Local generation.....						
Operation and maintenance.....	353,132	24,604	1,691,933	17,097	12,073	1,000,000
Administration.....	442,904	15,308	1,648,406	29,995	10,347	2,000,000
Financial.....	165,220		113,447		2,725	
Depreciation.....	267,074	8,918	939,410	17,395	9,114	1,000,000
Other.....						
Total expense.....	5,313,299	185,146	35,714,472	403,879	135,495	16,000,000
Net income or net expense.....	368,784	2,421	1,555,962	18,431	10,370	0
Number of customers.....	16,792	900	97,850	1,967	759	1,757

ements for the Year Ended December 31, 1970

	Havelock	Hawkesbury	Hearst	Hensall	Hespeler	Highgate	Holstein	Huntsville
	1,185	8,753	3,379	908	6,101	410	170	3,500
	\$	\$	\$	\$	\$	\$	\$	\$
994	152,589	1,024,942	410,187	172,300	878,639	51,459	14,592	490,471
002	57,873	273,873	104,963	63,797	236,391	24,657	5,363	133,356
792	.94,716	751,069	305,224	108,503	642,248	26,802	9,229	357,115
113	32,740	395	13,790	32,433	4,761	4,751	4,963	20,510
.....	.....	25,000	.....	.....	40,000	.....	.....	.....
.....	32,085	.....	40,000	8,926	.....	3,000	.....	40,000
973	1,537	12,244	8,123	1,564	61,803	5,453	245	8,931
372	.....	85	.....	.....	1,553	.....	.....	.....
458	66,362	37,724	61,913	42,923	108,117	13,204	5,208	69,441
.....	.....	18,644	.....	24	630	.....	.....	8,148
.....
570	5,524	1,133	139	4,884	.....	.....	.....	4,659
570	5,524	19,777	139	4,908	630	.....	.....	12,807
438	100,200	293,128	172,453	134,371	972,370	48,028	19,075	479,804
258	266,802	1,101,698	539,729	290,705	1,723,365	88,034	33,512	919,167
.....	1,500	57,000	.....	.....	.....	.....	.....	.....
276	5,046	52,462	56,545	7,179	57,417	1,490	715	526
987	515	8,852	6,410	468	8,701	276	75	1,705
263	7,061	118,314	62,955	7,647	66,118	1,766	790	2,231
438	100,200	293,128	172,453	134,371	972,370	48,028	19,075	479,804
438	100,200	293,128	172,453	134,371	972,370	48,028	19,075	479,804
000	61,400	228,000	72,177	12,000	77,571	5,000	2,762	15,697
916	97,404	435,574	231,183	135,591	586,816	33,240	10,885	421,435
641	737	26,682	961	1,096	20,490	.....	.....	.....
557	159,541	690,256	304,321	148,687	684,877	38,240	13,647	437,132
258	266,802	1,101,698	539,729	290,705	1,723,365	88,034	33,512	919,167
658	58,437	640,960	302,148	94,689	606,801	29,356	8,238	260,410
573	4,881	14,890	7,303	2,399	17,300	630	84	8,820
231	63,318	655,850	309,451	97,088	624,101	29,986	8,322	269,230
763	40,871	512,062	230,896	68,076	477,565	19,497	7,711	193,536
359	2,861	28,235	20,721	4,969	31,644	2,543	444	20,325
725	8,044	53,404	24,283	8,021	38,390	2,030	1,048	19,663
340	1,605	21,295	1,020	.....	.....	.....	.....	.....
588	5,241	30,435	13,695	5,484	25,381	1,981	483	13,974
775	58,622	645,431	290,615	86,550	572,980	26,051	9,686	247,498
456	4,696	10,419	18,836	10,538	51,121	3,935	1,364	21,732
448	490	2,793	996	399	1,946	178	99	1,394

Municipal Electrical Utilities Financial Statements

Municipality.....	Ingersoll	Iroquois	Jarvis	Kapuskasing	Kemptville	Kerrville
Population.....	7,388	1,201	932	12,512	2,307	12,512
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	1,216,035	202,589	102,934	792,306	507,358	1,840,000
Less accumulated depreciation.....	379,833	72,033	33,396	181,173	83,674	470,000
Net fixed assets.....	836,202	130,556	69,538	611,133	423,684	1,360,000
CURRENT ASSETS						
Cash on hand and in bank.....	150	14,826	31,470	5,213	28,417	20,000
Investments - short-term.....	45,000	.....	.....	.....	.....	20,000
- long-term.....	.....	36,000	.....	.....	1,000	20,000
Accounts receivable (net).....	13,020	1,899	2,380	11,438	27,355	80,000
Other.....	162	670	54	1,071	.....	.....
Total current assets.....	58,332	53,395	33,904	17,722	56,772	150,000
OTHER ASSETS						
Inventories.....	54,426	197	.....	9,492	27,803	.....
Sinking fund on debentures.....	.....	.....	.....	.....	.....	.....
Miscellaneous assets.....	2,245	4,018	.....	5,528	4,401	.....
Total other assets.....	56,671	4,215	.....	15,020	32,204	.....
Equity in Ontario Hydro.....	1,101,196	95,287	88,539	281,698	247,888	110,000
Total.....	2,052,401	283,453	191,981	925,573	760,548	1,630,000
LIABILITIES						
Debentures outstanding.....	10,772	.....	.....	136,000	153,500	450,000
Current liabilities.....	38,268	11,855	3,300	16,519	70,228	90,000
Other liabilities.....	6,914	1,733	798	12,265	2,692	10,000
Total liabilities.....	55,954	13,588	4,098	164,784	226,420	570,000
RESERVES						
Equity in Ontario Hydro.....	1,101,196	95,287	88,539	281,698	247,888	110,000
Other reserves.....	.....	.....	.....	.....	.....	.....
Total reserves.....	1,101,196	95,287	88,539	281,698	247,888	110,000
CAPITAL						
Debentures redeemed.....	189,028	.....	10,500	149,479	23,007	150,000
Sinking fund debentures.....	.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds.....	701,243	56,343	83,082	329,612	257,334	780,000
Contributed capital.....	4,980	118,235	5,762	.....	5,899	.....
Total capital.....	895,251	174,578	99,344	479,091	286,240	940,000
Total.....	2,052,401	283,453	191,981	925,573	760,548	1,630,000
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	520,634	76,975	43,071	418,039	233,991	790,000
Miscellaneous.....	23,553	3,050	1,910	10,251	19,732	20,000
Total revenue.....	544,187	80,025	44,981	428,290	253,723	820,000
EXPENSE						
Power purchased.....	343,972	63,174	27,399	298,540	155,753	510,000
Local generation.....	.....	.....	.....	.....	.....	.....
Operation and maintenance.....	54,774	4,581	2,745	29,806	19,288	70,000
Administration.....	58,716	9,583	5,800	60,172	35,910	80,000
Financial.....	11,425	.....	.....	19,811	18,054	40,000
Depreciation.....	32,482	5,960	3,613	24,924	13,538	50,000
Other.....	.....	.....	.....	.....	.....	.....
Total expense.....	501,369	83,298	39,557	433,253	242,543	770,000
Net income or net expense.....	42,818	3,273	5,424	4,963	11,180	40,000
Number of customers.....	2,657	462	344	2,366	984	4,000

ements for the Year Ended December 31, 1970

	Kincardine	King City	Kingston	Kingsville	Kirkfield	Kitchener	Lakefield	Lambeth
2	2,866	1,950	56,530	3,872	200	107,198	2,167	2,700
	\$	\$	\$	\$	\$	\$	\$	\$
563	429,988	177,951	9,238,626	476,492	34,624	19,790,375	368,384	253,421
141	151,655	92,956	3,141,947	182,903	11,531	4,900,883	133,332	85,000
522	278,333	84,995	6,096,679	293,589	23,093	14,889,492	235,052	168,421
394	38,201	29,785	483,367	5,138	4,144	374,822	20,560	53,006
000	25,000	40,000	651,000	8,500	7,000	700,000	40,000	
316	15,599	2,264	302,694	5,392	461	929,139	6,158	2,739
			3,705	128		6,922	110	
710	78,800	72,049	1,440,766	19,158	11,605	2,010,883	87,828	55,745
	15,953	130	299,999	1,228		451,334	7,819	
455	7,298	3,112				62,837		
455	23,251	3,242	299,999	1,228		514,171	7,819	
255	393,561	68,283	4,809,689	330,971	19,505	10,723,454	196,641	126,557
942	773,945	228,569	12,647,133	644,946	54,203	28,138,000	527,340	350,723
500		82,300	1,770,000			2,045,000		1,251
760	16,710	15,198	334,013	22,424	24	786,461	12,784	10,409
216	3,781	1,429	17,395	6,003	12	323,151	2,963	770
476	20,491	98,927	2,121,408	28,427	36	3,154,612	15,747	12,430
255	393,561	68,283	4,809,689	330,971	19,505	10,723,454	196,641	126,557
255	393,561	68,283	4,809,689	330,971	19,505	10,723,454	196,641	126,557
500	60,000	28,369	1,300,185	33,500	5,766	2,982,244	33,500	31,249
711	294,418	32,476	4,350,912	219,673	28,896	10,197,975	281,452	165,975
	5,475	514	64,939	32,375		1,079,715		14,512
211	359,893	61,359	5,716,036	285,548	34,662	14,259,934	314,952	211,736
942	773,945	228,569	12,647,133	644,946	54,203	28,138,000	527,340	350,723
577	226,573	99,601	4,065,219	257,392	11,928	9,068,067	161,202	120,618
313	9,390	11,980	201,312	1,916	689	61,791	7,993	9,729
890	235,963	111,581	4,266,531	259,308	12,617	9,129,858	169,195	130,347
979	159,437	82,274	3,052,024	192,873	7,949	6,541,245	116,688	89,338
819	19,975	2,343	345,523	22,649	354	520,856	12,952	5,736
788	18,562	11,438	422,265	27,346	794	599,657	10,842	13,850
650		9,674	220,685			311,711		1,307
244	13,587	7,308	273,841	14,712	1,274	471,300	13,674	8,717
480	211,561	113,037	4,314,338	257,580	10,371	8,444,769	154,156	118,948
590	24,402	1,456	47,807	1,728	2,246	685,089	15,039	11,399
305	1,528	550	19,521	1,598	118	33,045	853	825

Municipal Electrical Utilities Financial Statements

Municipality.....	Lanark	Lancaster	Larder Lake Twp. 1,480	Latchford	Leamington	Lin
Population.....	936	569		538	9,711	11
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	
Plant and facilities at cost.....	92,681	66,317	89,324	62,502	1,222,265	1,85
Less accumulated depreciation.....	25,242	20,013	40,812	18,965	363,649	63
Net fixed assets.....	67,439	46,304	48,512	43,537	858,616	1,22
CURRENT ASSETS						
Cash on hand and in bank.....	2,804	10,788	3,968	6,636	94,317	
Investments - short-term.....			25,000		10,000	
- long-term.....	4,000	11,783			2,000	
Accounts receivable (net).....	2,222	1,277	1,236	860	15,199	1
Other.....		305		110		
Total current assets.....	9,026	24,153	30,204	7,606	121,516	1
OTHER ASSETS						
Inventories.....	253				37,660	2
Sinking fund on debentures.....						
Miscellaneous assets.....		3,865			22,204	
Total other assets.....	253	3,865			59,864	3
Equity in Ontario Hydro.....	59,140	45,926	76,029	14,362	969,944	1,37
Total.....	135,858	120,248	154,745	65,505	2,009,940	2,65
LIABILITIES						
Debentures outstanding.....					28,500	4
Current liabilities.....	10,875	5,437	10,994	1,788	58,817	11
Other liabilities.....	388	391	5,299	503	40,740	
Total liabilities.....	11,263	5,828	16,293	2,291	128,057	16
RESERVES						
Equity in Ontario Hydro.....	59,140	45,926	76,029	14,362	969,944	1,37
Other reserves.....						
Total reserves.....	59,140	45,926	76,029	14,362	969,944	1,37
CAPITAL						
Debentures redeemed.....	7,316	8,917	15,752	18,901	97,600	13
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	56,152	56,238	46,221	26,357	807,828	96
Contributed capital.....	1,987	3,339	450	3,594	6,511	
Total capital.....	65,455	68,494	62,423	48,852	911,939	1,11
Total.....	135,858	120,248	154,745	65,505	2,009,940	2,65
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	45,878	31,518	61,557	25,544	732,632	1,04
Miscellaneous.....	1,411	1,700	2,750	269	8,805	4
Total revenue.....	47,289	33,218	64,307	25,813	741,437	1,08
EXPENSE						
Power purchased.....	34,933	24,197	51,050	17,401	553,238	81
Local generation.....						
Operation and maintenance.....	3,279	3,895	6,724	1,394	40,829	9
Administration.....	4,111	4,050	8,901	2,070	68,841	8
Financial.....				1	3,791	
Depreciation.....	3,246	2,035	3,283	2,022	33,294	5
Other.....						
Total expense.....	45,569	34,177	69,958	22,888	699,993	1,06
Net income or net expense.....	1,720	959	5,651	2,925	41,444	2
Number of customers.....	306	224	492	169	3,725	

ements for the Year Ended December 31, 1970

well	London	L'Orignal	Lucan	Lucknow	Lynden	Madoc	Magneta- wan	Markdale
12	212,986	1,368	1,123	1,038	580	1,353	197	1,094
	\$	\$	\$	\$	\$	\$	\$	\$
888	35,985,028	174,806	159,230	129,743	59,345	276,810	40,454	134,457
728	10,343,448	62,848	57,957	27,763	24,516	105,884	15,478	26,924
160	25,641,580	111,958	101,273	101,980	34,829	170,926	24,976	107,533
282	866,331	11,593	6,240	24,369	3,504	1,150	3,552	3,715
083	1,350,000	10,000	.....	2,000	11,000	.....	.....	10,000
000	253,275	.....	.....	24,950	5,000	.....	2,000	.....
147	1,072,732	834	2,916	8,204	639	2,992	309	4,488
.....	32,892	770	.....	.....	.....	.....	.....	538
512	3,575,230	23,197	9,156	59,523	20,143	4,142	5,861	18,741
850	1,488,626	.....	99	.....	.....	12,102	395	405
161	115,143	3,026	972	4,414	.....	.....	489	5,819
011	1,603,769	3,026	1,071	4,414	.....	12,102	884	6,224
665	17,106,171	39,550	108,658	159,461	59,958	131,826	9,856	105,029
348	47,926,750	177,731	220,158	325,378	114,930	318,996	41,577	237,527
200	7,709,680	4,000	.....	.....	.....	.....	.....	.....
620	1,840,187	11,518	6,905	7,041	2,062	17,402	830	8,334
.....	1,174,025	594	676	.....	92	1,426	.....	616
820	10,723,892	16,112	7,581	7,041	2,154	18,828	830	8,950
665	17,106,171	39,550	108,658	159,461	59,958	131,826	9,856	105,029
.....	173,986	.....	.....	.....	.....	.....	.....	.....
665	17,280,157	39,550	108,658	159,461	59,958	131,826	9,856	105,029
634	5,770,972	24,000	11,214	17,614	4,495	14,000	24,000	6,370
.....
318	13,303,180	97,115	92,705	141,262	48,323	154,342	6,891	117,178
911	848,549	954	.....	.....	.....	.....	.....	.....
863	19,922,701	122,069	103,919	158,876	52,818	168,342	30,891	123,548
348	47,926,750	177,731	220,158	325,378	114,930	318,996	41,577	237,527
216	15,680,222	67,835	73,539	70,984	29,451	94,945	12,039	78,111
367	717,346	4,603	3,344	5,704	2,776	4,880	197	2,579
583	16,397,568	72,438	76,883	76,688	32,227	99,825	12,236	80,690
510	10,534,446	49,908	50,425	52,082	24,191	79,010	8,133	65,643
835	903,792	5,784	7,559	4,097	2,010	4,736	2,257	3,017
048	1,132,314	7,250	11,983	8,434	3,824	9,014	1,370	5,303
725	1,167,870	2,300	.....	.....	.....	.....	.....	111
606	1,048,597	6,613	5,835	3,441	2,414	10,529	1,319	4,294
724	14,787,019	71,855	75,802	68,054	32,439	103,289	13,079	78,368
859	1,610,549	583	1,081	8,634	212	3,464	843	2,322
822	67,079	439	414	497	185	625	118	548

Municipal Electrical Utilities Financial Statement

Municipality.....	Markham	Marmora	Martintown	Massey	Maxville	McTavish
Population.....	10,068	1,427	380	1,229	677	1,111
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	
Plant and facilities at cost.....	1,107,821	168,518	43,375	127,444	111,790	10,000
Less accumulated depreciation.....	223,109	73,172	18,806	31,871	27,411	4,000
Net fixed assets.....	884,712	95,346	24,569	95,573	84,379	6,000
CURRENT ASSETS						
Cash on hand and in bank.....	98,821	296	5,124	2,762	7,763	2,000
Investments - short-term.....	30,000				15,000	2,000
- long-term.....		3,000		19,000	1,500	
Accounts receivable (net).....	39,892	738	1,206	5,000	3,066	
Other.....	4,872				679	
Total current assets.....	173,585	4,034	6,330	26,762	28,008	3,000
OTHER ASSETS						
Inventories.....	44,690	3,822		1,389		
Sinking fund debentures.....						
Miscellaneous assets.....	22,451		1,635	2,552	2,037	
Total other assets.....	67,141	3,822	1,635	3,941	2,037	
Equity in Ontario Hydro.....	390,588	97,251	21,960	38,594	82,871	7,000
Total.....	1,516,026	200,453	54,494	164,870	197,295	17,000
LIABILITIES						
Debentures outstanding.....	90,128			13,600		
Current liabilities.....	116,105	7,308	156	6,112	4,270	
Other liabilities.....	176,271	1,037	51	2,943	216	
Total liabilities.....	382,504	8,345	207	22,655	4,486	
RESERVES						
Equity in Ontario Hydro.....	390,588	97,251	21,960	38,594	82,871	7,000
Other reserves.....						
Total reserves.....	390,588	97,251	21,960	38,594	82,871	7,000
CAPITAL						
Debentures redeemed.....	102,690	15,092	5,347	31,400	13,642	1,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	368,517	76,865	26,980	72,221	95,296	7,000
Contributed capital.....	271,727	2,900			1,000	
Total capital.....	742,934	94,857	32,327	103,621	109,938	9,000
Total.....	1,516,026	200,453	54,494	164,870	197,295	17,000
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	724,937	79,761	13,260	63,812	53,863	5,000
Miscellaneous.....	22,333	2,463	1,099	1,833	1,975	
Total revenue.....	747,270	82,224	14,359	65,645	55,838	5,000
EXPENSE						
Power purchased.....	567,393	59,383	9,736	44,943	43,592	4,000
Local generation.....						
Operation and maintenance.....	42,509	8,611	1,555	5,114	3,298	
Administration.....	60,213	5,437	1,958	7,628	3,114	1,000
Financial.....	34,289			3,890		
Depreciation.....	29,567	6,172	1,498	3,532	3,242	
Other.....						
Total expense.....	733,971	79,603	14,747	65,107	53,246	6,000
Net income or net expense.....	13,299	2,621	388	538	2,592	1,000
Number of customers.....	2,921	545	122	402	334	

ements for the Year Ended December 31, 1970

ford	Merlin	Merrickville	Midland	Mildmay	Millbrook	Milton	Milverton	Mississauga
66	650	841	11,007	990	906	5,832	1,179	137,233
	\$	\$	\$	\$	\$	\$	\$	\$
453	127,645	103,769	1,289,073	88,991	111,441	1,173,968	172,644	32,508,788
868	47,355	24,312	541,492	17,441	37,347	382,432	37,842	3,683,015
585	80,290	79,457	747,581	71,550	74,094	791,536	134,802	28,825,773
989	1,751	8,003	4,147	1,428	11,956	35,715	20,526	170,675
000	22,000	30,000	30,000	4,500	25,000	30,000	215,000	8,000
480	867	4,063	73,177	1,859	1,245	8,190	1,684	628,339
287	757	102	245,802	87	102	245,802	102	245,802
756	24,618	12,066	108,081	7,787	43,201	73,992	22,312	1,267,816
712	192	27,346	422	1,844	220	727,652	165,507	255,485
185	6,021	2,592	103	1,794	220	1,148,644	6,698,516	37,940,749
897	192	33,367	3,014	103	3,638	220	1,148,644	6,698,516
187	65,165	47,940	1,444,829	66,095	54,774	687,167	201,957	6,698,516
425	170,265	139,463	2,333,858	148,446	172,172	1,556,333	359,291	37,940,749
000	2,937	6,451	20,109	94	6,500	69,136	7,926	1,974,973
188	320	1,264	18,755	745	984	6,190	788	569,448
795	3,257	7,715	283,864	839	7,484	98,069	12,914	12,733,421
187	65,165	47,940	1,444,829	66,095	54,774	687,167	201,957	6,698,516
187	65,165	47,940	1,444,829	66,095	54,774	687,167	201,957	6,698,516
725	13,122	24,647	116,945	12,304	9,000	100,943	20,060	1,503,326
718	88,552	55,736	488,220	68,749	95,096	667,356	119,974	9,244,920
169	3,425	459	5,818	2,798	4,386	7,595,059	14,260,859	18,508,812
443	101,843	83,808	605,165	81,512	109,914	771,097	144,420	37,940,749
425	170,265	139,463	2,333,858	148,446	172,172	1,556,333	359,291	37,940,749
404	41,472	52,964	882,391	47,432	46,284	541,640	91,617	13,928,036
712	4,738	407	11,498	1,649	5,527	42,262	1,706	332,823
116	46,210	53,371	893,889	49,081	51,811	583,902	93,323	14,260,859
5627	28,069	42,152	689,202	33,282	33,001	451,475	59,774	10,406,976
864	2,848	4,301	62,590	6,338	3,407	26,779	10,028	719,357
462	9,203	3,942	41,075	5,560	4,890	61,900	11,863	670,214
445	1,760	26,970	2,904	5,219	35,798	7,150	1,157	1,253,887
5729	3,709	3,089	40,292	2,904	5,219	35,798	4,632	772,768
127	43,829	55,244	860,129	48,084	46,517	583,102	87,454	13,823,202
989	2,381	1,873	33,760	997	5,294	800	5,869	437,657
1749	292	382	3,830	377	362	2,006	524	35,725

Municipal Electrical Utilities Financial Statements

Municipality.....	Mitchell	Moorefield	Morrisburg	Mount Brydges 1,200	Mount Forest 2,946	Napier 1,200
Population.....	2,452	300	1,972			4,500
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	
Plant and facilities at cost.....	542,089	41,633	272,049	122,768	309,248	598,000
Less accumulated depreciation.....	130,191	16,352	85,961	24,639	100,519	218,000
Net fixed assets.....	411,898	25,281	186,088	98,129	208,729	380,000
CURRENT ASSETS						
Cash on hand and in bank.....	1,653	10,315	25,363	8,567	29,492	58,000
Investments - short-term.....			10,000	15,000	3,000	25,000
- long-term.....		1,000	8,000		12,000	22,000
Accounts receivable (net).....	9,551	179	1,895	1,156	11,692	17,000
Other.....	434					
Total current assets.....	11,638	11,494	45,258	24,723	56,184	122,000
OTHER ASSETS						
Inventories.....	16,257		11,157		5,908	13,000
Sinking fund on debentures.....						
Miscellaneous assets.....	2,417			160	1,448	
Total other assets.....	18,674		11,157	160	7,356	13,000
Equity in Ontario hydro.....	323,958	44,172	151,448	60,504	300,045	534,000
Total.....	766,168	80,947	393,951	183,516	572,314	1,050,000
LIABILITIES						
Debentures outstanding.....	68,800			8,900		
Current liabilities.....	19,647	2,461	11,675	4,808	365	21,000
Other liabilities.....	1,765		2,542	823	3,060	10,000
Total liabilities.....	90,212	2,461	14,217	14,531	3,425	32,000
RESERVES						
Equity in Ontario Hydro.....	323,958	44,172	151,448	60,504	300,045	534,000
Other reserves.....						
Total reserves.....	323,958	44,172	151,448	60,504	300,045	534,000
CAPITAL						
Debentures redeemed.....	50,309	4,500	31,636	10,125	21,627	70,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	297,394	29,814	118,771	98,236	247,217	412,000
Contributed capital.....	4,295		77,879	120		1,000
Total capital.....	351,998	34,314	228,286	108,481	268,844	483,000
Total.....	766,168	80,947	393,951	183,516	572,314	1,050,000
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	213,534	27,047	138,547	54,366	200,083	315,000
Miscellaneous.....	10,762	591	2,686	2,075	3,692	19,000
Total revenue.....	224,296	27,638	141,233	56,441	203,775	334,000
EXPENSE						
Power purchased.....	157,098	20,962	102,173	37,619	155,010	228,000
Local generation.....						
Operation and maintenance.....	17,993	1,317	8,198	2,708	9,802	23,000
Administration.....	26,795	1,463	14,073	4,690	16,228	46,000
Financial.....	9,720			1,312		
Depreciation.....	15,223	1,622	7,788	3,803	8,199	20,000
Other.....						
Total expense.....	226,829	25,364	132,232	50,132	189,239	319,000
Net income or net expense.....	2,533	2,274	9,001	6,309	14,536	14,000
Number of customers.....	1,063	154	839	456	1,310	1,000

ements for the Year Ended December 31, 1970

Neustadt	Newboro	Newburgh	Newbury	Newcastle	New Hamburg	Newmarket	Niagara Falls
587	305	584	297	1,877	2,856	10,483	59,800
\$ 46,997 24,712	\$ 56,040 16,597	\$ 107,853 43,166	\$ 46,889 15,184	\$ 339,423 102,297	\$ 363,433 57,631	\$ 1,723,287 444,712	\$ 9,133,952 2,276,152
22,285	39,443	64,687	31,705	237,126	305,802	1,278,575	6,857,800
2,196	975	14,664	2,248	15,139	4,925	101,333	95,622
3,000	2,000			4,000		100,000	650,000
2,842	432	973	415	10,271	9,257	34,023	71,094
			83		564	10,120	7,078
8,038	3,407	15,637	2,746	29,410	14,746	245,476	886,794
			3		186	6,487	300,722
			170	360	10,542	9,739	66,579
			173	360	10,728	16,226	367,301
47,727	11,035	26,277	27,842	107,339	283,824	654,675	5,020,434
78,050	53,885	106,601	62,466	374,235	615,100	2,194,952	13,132,329
				36,000	40,000	309,827	1,069,327
2,010	1,451	2,373	1,665	17,291	21,821	183,887	112,839
139	72	265		51,535	2,425	12,208	203,830
2,149	1,523	2,638	1,665	104,826	64,246	505,922	1,385,996
47,727	11,035	26,277	27,842	107,339	283,824	654,675	5,020,434
47,727	11,035	26,277	27,842	107,339	283,824	654,675	5,020,434
15,504	15,674	14,000	9,754	37,677	32,264	85,007	1,954,071
12,670	22,684	57,692	22,980	124,393	210,566	760,325	4,253,407
	2,969	5,994	225		24,200	189,023	518,421
28,174	41,327	77,686	32,959	162,070	267,030	1,034,355	6,725,899
78,050	53,885	106,601	62,466	374,235	615,100	2,194,952	13,132,329
26,661	18,510	33,544	22,485	138,342	217,815	784,052	4,174,700
587	526	1,646	105	7,683	5,718	30,383	65,645
27,248	19,036	35,190	22,590	146,025	223,533	814,435	4,240,345
22,530	12,267	20,669	15,779	91,047	156,046	595,314	2,598,320
723	1,533	1,626	1,110	6,874	15,688	57,148	419,658
2,283	2,803	2,803	1,506	14,387	28,364	77,050	318,929
				9,030	7,390	18,778	161,373
1,926	1,914	3,956	1,507	11,182	9,778	49,872	227,935
27,462	18,517	29,054	19,902	132,520	217,266	798,162	3,726,215
214	519	6,136	2,688	13,505	6,267	16,273	514,130
232	177	213	156	651	1,030	3,519	18,455

Municipal Electrical Utilities Financial Statements

Municipality.....	Niagara	Nipigon Twp.	North Bay	North York	Norwich	Norw...
Population.....	3,100	2,563	45,258	472,715	1,742	1,1...
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	
Plant and facilities at cost.....	444,315	313,251	7,050,467	55,162,090	148,360	177...
Less accumulated depreciation.....	150,831	115,709	2,050,022	11,836,305	50,316	81...
Net fixed assets.....	293,484	197,542	5,000,445	43,325,785	98,044	95...
CURRENT ASSETS						
Cash on hand and in bank.....	21,381	150	63,567	29,765	7,527	5...
Investments - short-term.....	4,000			3,825,000		
- long-term.....	4,000	8,500	65,000	16,300	7,500	23...
Accounts receivable (net).....	1,411	3,261	133,079	1,454,263	2,840	1...
Other.....			2,695	16,167		1...
Total current assets.....	30,792	11,911	264,341	5,341,495	17,867	31...
OTHER ASSETS						
Inventories.....	14,643	1,075	83,254	1,023,823	3,060	
Sinking fund debentures.....				4,044,511		
Miscellaneous assets.....	38		41,318	214,230		1...
Total other assets.....	14,681	1,075	124,572	5,282,564	3,060	1...
Equity in Ontario Hydro.....	277,206	204,521	2,767,717	17,825,221	185,004	86...
Total	616,163	415,049	8,157,075	71,775,065	303,975	215...
LIABILITIES						
Debentures outstanding.....	6,992		1,402,690	10,261,611		
Current liabilities.....	12,292	13,803	681,214	3,912,016	6,119	12...
Other liabilities.....	3,866	3,094	172,257	1,495,086	1,235	
Total liabilities.....	23,150	16,897	2,256,161	15,668,713	7,354	13...
RESERVES						
Equity in Ontario Hydro.....	277,206	204,521	2,767,717	17,825,221	185,004	86...
Other reserves.....			1,223			
Total reserves.....	277,206	204,521	2,768,940	17,825,221	185,004	86...
CAPITAL						
Debentures redeemed.....	73,515	10,000	966,968	5,192,559	13,756	55...
Sinking fund debentures.....				4,044,511		
Accumulated net income invested in plant or held as working funds.....	237,212	183,631	2,026,496	26,674,717	97,861	54...
Contributed capital.....	5,080		138,510	2,369,344		4...
Total capital.....	315,807	193,631	3,131,974	38,281,131	111,617	114...
Total	616,163	415,049	8,157,075	71,775,065	303,975	215...
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	167,497	154,532	3,177,387	30,753,088	80,449	59...
Miscellaneous.....	8,651	10,099	168,351	1,384,717	4,078	5...
Total revenue	176,148	164,631	3,345,738	32,137,805	84,527	64...
EXPENSE						
Power purchased.....	112,939	109,746	2,230,098	24,112,614	58,475	47...
Local generation.....						
Operation and maintenance.....	20,396	15,912	280,166	1,476,486	13,783	5...
Administration.....	23,401	31,016	437,455	1,987,859	11,880	6...
Financial.....	2,568		186,865	1,226,951		
Depreciation.....	13,741	10,245	230,426	1,739,386	4,198	8...
Other.....						
Total expense	173,045	166,919	3,365,010	30,543,296	88,336	67...
Net income or net expense	3,103	2,288	19,272	1,594,509	3,809	2...
Number of customers.....	1,196	812	15,129	127,688	725	

Statements for the Year Ended December 31, 1970

ville	Oil Springs 566	Omeme	Orangeville	Orillia	Orono	Oshawa	Ottawa	Otterville
393		776	7,703	21,355	1,000	87,378	315,839	800
\$	\$	\$	\$	\$	\$	\$	\$	\$
7,799	94,124	121,452	879,388	7,597,154	150,508	15,162,488	51,952,189	112,136
3,104	34,909	40,643	205,027	2,205,278	41,983	4,599,744	11,634,018	39,309
4,695	59,215	80,809	674,361	5,391,876	108,525	10,562,744	40,318,171	72,827
1,845	17,596	12,327	56,477	500	6,402	89,296	187,789	1,732
0,000					8,000			
0,130	5,000	5,500		66,725	2,500	400,000	200,000	
7,954	496	3,069	8,695	143,127	2,662	744,761	1,641,836	254
5,626	120			20,000		1,314	205,533	
5,555	23,212	20,896	65,172	230,352	19,564	1,235,371	2,235,158	1,986
6,816	229		18,895	95,091	115	361,375	804,143	250
0,384			7,484	25,874	2,437	61,064		
7,200	229		26,379	120,965	2,552	422,439	804,143	250
6,075	91,539	55,639	495,857	600,327	60,069	8,870,823	18,279,289	63,474
4,525	174,195	157,344	1,261,769	6,343,520	190,710	21,091,377	61,636,761	138,537
3,215			174,500	1,421,762	25,300	2,329,000	771,000	
3,861	1,814	3,623	39,823	328,429	6,083	937,691	2,344,181	5,055
4,575	360	582	2,846	71,563	2,261	95,415		517
1,651	2,174	4,205	217,169	1,821,754	33,644	3,362,106	3,115,181	5,572
6,075	91,539	55,639	495,857	600,327	60,069	8,870,823	18,279,289	63,474
				66,725			274,277	
6,075	91,539	55,639	495,857	667,052	60,069	8,870,823	18,553,566	63,474
3,610	16,721	12,000	53,094	2,605,738	17,455	871,622	9,119,698	4,500
7,916	63,530	79,800	468,029	1,059,554	79,542	7,168,780	25,089,199	64,991
5,273	231	5,700	27,620	189,422		818,046	5,759,117	
6,799	80,482	97,500	548,743	3,854,714	96,997	8,858,448	39,968,014	69,491
4,525	174,195	157,344	1,261,769	6,343,520	190,710	21,091,377	61,636,761	138,537
0,634	31,831	45,087	557,205	1,687,526	77,689	7,447,643	23,641,093	38,235
9,141	974	2,761	16,953	32,485	1,760	413,956	785,548	1,125
9,775	32,805	47,848	574,158	1,720,011	79,449	7,861,599	24,426,641	39,360
7,482	19,608	28,750	381,540	779,583	48,614	5,510,451	17,809,620	25,785
				233,772			380,207	
6,855	2,204	2,812	28,455	136,111	2,574	483,063	2,060,749	2,492
2,951	6,146	4,666	52,610	157,340	10,908	671,214	1,201,352	3,687
0,852			25,365	188,047	3,404	257,719	201,955	
4,053	3,128	4,730	28,219	185,218	4,169	506,884	1,390,666	3,836
				10,000			56,934	
2,193	31,086	40,958	516,189	1,690,071	69,669	7,429,331	23,101,483	35,800
7,582	1,719	6,890	57,969	29,940	9,780	432,268	1,325,158	3,560
6,722	258	327	2,637	7,715	415	26,333	101,675	320

Municipal Electrical Utilities Finan

Municipality.....	Owen Sound	Paisley	Palmerston	Paris	Parkhill	Part Sour 5,51
Population.....	17,789	749	1,793	6,271	1,119	
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	2,742,408	113,404	335,050	824,793	196,006	1,357,
Less accumulated depreciation.....	950,667	27,549	108,936	298,708	54,790	465,
Net fixed assets.....	1,791,741	85,855	226,114	526,085	141,216	892,
CURRENT ASSETS						
Cash on hand and in bank.....	78,541	1,250	8,963	30,272	17,856	18,
Investments - short-term.....		5,000	10,000	35,000	10,000	50,
- long-term.....		3,000				14,
Accounts receivable (net).....	125,005	1,830	1,136	7,611	3,517	8,
Other.....	1,685			3,383		
Total current assets.....	205,231	11,080	20,099	76,266	31,373	92,
OTHER ASSETS						
Inventories.....	35,488	489	746	1,118	2,007	21,
Sinking fund on debentures.....						
Miscellaneous assets.....	840	3,191		11,099	2,429	
Total other assets.....	36,328	3,680	746	12,217	4,436	21,
Equity in Ontario Hydro.....	2,022,085	86,077	243,753	677,140	149,720	239,
Total.....	4,055,385	186,692	490,712	1,291,708	326,745	1,245,
LIABILITIES						
Debentures outstanding.....			5,000	43,108		26,
Current liabilities.....	101,774	4,061	10,231	31,415	8,101	26,
Other liabilities.....	5,541	517	1,989	17,071	677	18,
Total liabilities.....	107,315	4,578	17,220	91,594	8,778	70,
RESERVES						
Equity in Ontario Hydro.....	2,022,085	86,077	243,753	677,140	149,720	239,
Other reserves.....						2,
Total reserves.....	2,022,085	86,077	243,753	677,140	149,720	241,
CAPITAL						
Debentures redeemed.....	208,372	13,623	37,000	156,499	29,907	442,
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	1,713,452	82,392	164,715	356,796	138,340	483,
Contributed capital.....	4,161	22	28,024	9,679		7,
Total capital.....	1,925,985	96,037	229,739	522,974	168,247	933,
Total.....	4,055,385	186,692	490,712	1,291,708	326,745	1,245,
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	1,420,501	46,837	124,809	389,979	96,675	414,
Miscellaneous.....	66,117	767	1,123	11,194	4,620	32,
Total revenue.....	1,486,618	47,604	125,932	401,173	101,295	447,
EXPENSE						
Power purchased.....	1,051,362	37,159	82,676	287,052	62,581	250,
Local generation.....						39,
Operation and maintenance.....	107,827	1,248	9,172	33,186	6,659	55,
Administration.....	146,484	7,579	15,187	38,319	15,093	52,
Financial.....	604		1,352	9,124	352	6,
Depreciation.....	93,201	3,058	9,483	24,723	6,990	42,
Other.....						
Total expense.....	1,399,478	49,044	117,870	392,404	91,675	446,
Net income or net expense.....	87,140	1,440	8,062	8,769	9,620	
Number of customers.....	6,480	358	741	2,354	527	2,

Statements for the Year Ended December 31, 1970

Brooke	Penetang- uishene	Perth	Peter- borough	Petrolia	Pickering	Picton	Plantagenet	Plattsville
299	5,344	5,503	55,997	4,008	2,185	4,676	888	560
\$	\$	\$	\$	\$	\$	\$	\$	\$
4,195	486,644	906,884	11,470,712	584,137	263,798	752,492	121,834	76,641
8,234	200,792	299,361	4,360,579	199,607	76,736	262,533	39,199	20,450
9,961	285,852	607,523	7,110,133	384,530	187,062	489,959	82,635	56,191
1,342	100	13,594	92,221	65,653	3,867	27,919	20,092	5,359
10,000	10,000	10,000	15,000	15,000	6,415	8,644	1,717	486
1,844	12,447	4,896	365,982	12,263	1,643	2,118	1,717	486
1,186	22,547	28,490	486,131	94,559	10,282	38,681	21,809	26,345
1,667	1,807	17,458	84,874	25,253	206	19,141	.....	71
1,946	.....	.....	29,806	13,876	1,648	14,182	1,453	.....
1,613	1,807	17,458	114,680	39,129	1,854	33,323	1,453	71
8,243	425,143	668,687	5,433,411	481,800	57,484	590,550	35,947	92,349
22,003	735,349	1,322,158	13,144,355	1,000,018	256,682	1,152,513	141,844	174,956
3,000	.....	.....	1,786,800	.....	38,000	41,000	44,500	.....
2,751	25,501	29,504	441,941	35,962	41,626	24,382	8,499	4,298
9,087	3,215	90	12,623	5,746	2,149	10,945	1,006	.....
1,838	28,716	29,594	2,241,364	41,708	81,775	76,327	54,005	4,298
8,243	425,143	668,687	5,433,411	481,800	57,484	590,550	35,947	92,349
8,243	425,143	668,687	5,433,411	481,800	57,484	590,550	35,947	92,349
7,000	36,983	85,045	1,850,811	50,000	34,309	72,182	10,500	5,237
8,797	244,507	516,948	3,274,543	426,510	76,326	413,454	39,826	73,072
0,719	.....	21,884	344,226	.....	6,788	.....	1,566	.....
8,922	281,490	623,877	5,469,580	476,510	117,423	485,636	51,892	78,309
22,003	735,349	1,322,158	13,144,355	1,000,018	256,682	1,152,513	141,844	174,956
5,130	292,231	418,887	4,919,427	274,169	110,583	330,204	65,255	52,034
0,952	4,712	4,107	225,094	10,948	5,465	9,699	4,007	1,901
6,082	296,943	422,994	5,144,521	285,117	116,048	339,903	69,262	53,935
3,313	221,261	312,264	3,410,240	158,796	79,716	232,038	50,108	49,195
4,910	.....	.....	.....	.....	.....	.....	.....	.....
7,148	23,120	23,910	467,490	39,829	9,444	29,395	2,561	1,315
10,346	22,464	36,195	468,046	56,033	12,795	32,790	6,094	1,965
6,718	.....	.....	284,297	.....	6,318	4,356	4,938	35
6,138	15,158	26,081	398,942	14,520	8,755	22,272	3,929	2,592
18,573	282,003	398,450	5,029,015	269,178	117,028	320,851	67,630	55,102
57,509	14,940	24,544	115,506	15,939	980	19,052	1,632	1,167
5,135	1,658	2,209	18,728	1,498	730	1,928	267	213

Municipal Electrical Utilities Financial Statements

Municipality.....	Point Edward 2,767	Port Burwell 667	Port Colborne 18,500	Port Credit 9,052	Port Dover 3,309	Port Hope 2,500
Population.....						
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	\$
Plant and facilities at cost.....	351,092	127,466	2,234,050	1,647,447	492,230	487,230
Less accumulated depreciation.....	122,907	55,171	625,469	360,820	189,203	105,230
Net fixed assets.....	228,185	72,295	1,608,581	1,286,627	303,027	382,000
CURRENT ASSETS						
Cash on hand and in bank.....	68,192	3,998	41,935	150	40,999	30,000
Investments - short-term.....	15,000		15,000		30,000	
- long-term.....			9,000	13,500		
Accounts receivable (net).....	5,296	786	8,925	58,504	4,693	10,000
Other.....	41			868		
Total current assets.....	88,529	4,784	74,860	73,022	75,692	130,000
OTHER ASSETS						
Inventories.....	755	176	29,749	23,334	894	1,000
Sinking fund on debentures.....						
Miscellaneous assets.....	15,283	953	16,501	6,998		5,000
Total other assets.....	16,038	1,129	46,250	30,332	894	7,000
Equity in Ontario Hydro.....	679,817	36,740	1,200,268	1,123,393	291,114	221,000
Total.....	1,012,569	114,948	2,929,959	2,513,374	670,727	625,000
LIABILITIES						
Debentures outstanding.....		13,000	272,280	245,500	31,370	
Current liabilities.....	34,343	3,428	85,116	144,077	19,091	37,000
Other liabilities.....	2,616	1,507	33,894	20,524	6,463	
Total liabilities.....	36,959	17,935	391,290	410,101	56,924	37,000
RESERVES						
Equity in Ontario Hydro.....	679,817	36,740	1,200,268	1,123,393	291,114	221,000
Other reserves.....						
Total reserves.....	679,817	36,740	1,200,268	1,123,393	291,114	221,000
CAPITAL						
Debentures redeemed.....	17,000	27,000	343,380	124,632	77,157	37,000
Sinking fund debentures.....						
Accumulated net income invested in plant or held as working funds.....	278,793	23,918	974,416	849,162	229,013	326,000
Contributed capital.....		9,355	20,605	6,086	16,519	2,000
Total capital.....	295,793	60,273	1,338,401	979,880	322,689	366,000
Total.....	1,012,569	114,948	2,929,959	2,513,374	670,727	625,000
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	401,216	38,390	1,093,201	1,271,987	200,137	239,000
Miscellaneous.....	9,283	946	16,207	27,160	8,948	7,000
Total revenue.....	410,499	39,336	1,109,408	1,299,147	209,085	246,000
EXPENSE						
Power purchased.....	355,326	17,458	759,643	1,047,614	127,018	167,000
Local generation.....						
Operation and maintenance.....	11,263	11,936	113,809	46,530	35,256	21,000
Administration.....	34,409	5,953	135,622	81,232	27,142	26,000
Financial.....		2,917	31,714	30,718	5,961	
Depreciation.....	10,823	4,061	63,184	45,755	17,779	11,000
Other.....						
Total expense.....	411,821	42,325	1,103,972	1,251,849	213,156	227,000
Net income or net expense.....	1,322	2,989	5,436	47,298	4,071	19,000
Number of customers.....	928	424	5,668	2,882	1,589	1,000

ements for the Year Ended December 31, 1970

Hope	Port McNicoll	Port Perry	Port Rowan	Port Stanley	Prescott	Preston	Priceville	Princeton
20	1,391	2,910	842	1,482	4,902	15,612	130	430
	\$	\$	\$	\$	\$	\$	\$	\$
695	150,440	362,459	111,751	259,302	585,606	2,349,888	24,673	50,481
617	40,183	96,592	32,868	127,809	253,785	712,238	9,142	17,240
078	110,257	265,867	78,883	131,493	331,821	1,637,650	15,531	33,241
572	514	14,726	7,159	11,115	23,028	95,824	4,659	5,437
	25,850	7,000			20,000	25,000	3,000	3,000
803	9,553	6,482	945	13,648	9,502	21,199	973	843
	127				207	2,673		
375	36,044	28,208	8,104	24,763	52,737	144,696	8,632	9,280
751	231		153	441	12,495	40,346		
	1,927	1	110		767			1,132
751	2,158	1	263	441	13,262	40,346		1,132
744	129,838	210,236	57,874	238,680	509,729	1,607,089	8,435	59,007
948	278,297	504,312	145,124	395,377	907,549	3,429,781	32,598	102,660
		76,000	4,000			23,120		
045	22,473	20,930	3,199	7,350	29,023	85,972	804	2,398
509	1,267	5,323	596	1,585	4,941	32,584		800
554	23,740	102,253	7,795	8,935	33,964	141,676	804	3,198
744	129,838	210,236	57,874	238,680	509,729	1,607,089	8,435	59,007
744	129,838	210,236	57,874	238,680	509,729	1,607,089	8,435	59,007
000	9,803	28,882	14,000	18,950	23,981	453,163	12,166	5,995
795	114,916	161,025	65,417	125,832	324,621	1,171,836	10,855	34,411
855		1,916	38	2,980	15,254	56,017	338	49
8650	124,719	191,823	79,455	147,762	363,856	1,681,016	23,359	40,455
948	278,297	504,312	145,124	395,377	907,549	3,429,781	32,598	102,660
903	89,800	194,103	41,992	117,453	288,146	1,166,158	7,061	23,381
0840	2,942	8,060	1,566	3,246	19,846	29,826	401	1,266
0743	92,742	202,163	43,558	120,699	307,992	1,195,984	7,462	24,647
5307	76,021	139,244	26,335	72,718	237,159	875,342	4,783	20,759
8977	6,056	13,217	5,913	21,234	17,251	81,906	352	549
3646	8,754	21,100	5,681	18,110	29,600	80,627	891	2,254
		8,112	960			18,828	130	
9079	4,541	12,144	3,559	8,650	23,748	71,087	841	1,884
7009	95,372	193,817	42,448	120,712	307,758	1,127,790	6,997	25,446
3734	2,630	8,346	1,110	13	234	68,194	465	799
3056	647	1,083	390	1,124	1,902	4,728	84	196

Municipal Electrical Utilities Financial Statements

Municipality.....	Queenston	Rainy River	Red Rock	Renfrew	Richmond	Richmond Hill
Population.....	560	1,112	1,866	8,904	2,041	20,000
A. BALANCE SHEET						
FIXED ASSETS	\$	\$	\$	\$	\$	
Plant and facilities at cost.....	61,336	154,630	141,060	1,998,929	231,844	2,278,000
Less accumulated depreciation.....	22,931	81,319	43,205	645,325	43,008	73,000
Net fixed assets.....	38,405	73,311	97,855	1,353,604	188,836	1,548,000
CURRENT ASSETS						
Cash on hand and in bank.....	5,060	7,710	5,909	83,784		6,000
Investments - short-term.....		20,000	12,000			12,000
- long-term.....	8,000			6,675		
Accounts receivable (net).....	253	2,614	968	9,002	4,060	7,000
Other.....		259		3,280		
Total current assets.....	13,313	30,583	18,877	102,741	4,060	26,000
OTHER ASSETS						
Inventories.....		1,513		23,490		3,000
Sinking fund on debentures.....					1,768	
Miscellaneous assets.....				6,285	406	
Total other assets.....		1,513		29,775	2,174	4,000
Equity in Ontario Hydro.....	53,503	42,715	87,817	411,054	73,725	88,000
Total.....	105,221	148,122	204,549	1,897,174	268,795	2,748,000
LIABILITIES						
Debentures outstanding.....				159,368	63,100	30,000
Current liabilities.....	2,336	5,565	5,287	40,070	4,664	13,000
Other liabilities.....	243	432	495	27,091	647	1,000
Total liabilities.....	2,579	5,997	5,782	226,529	68,411	45,000
RESERVES						
Equity in Ontario Hydro.....	53,503	42,715	87,817	411,054	73,725	88,000
Other reserves.....						
Total reserves.....	53,503	42,715	87,817	411,054	73,725	88,000
CAPITAL						
Debentures redeemed.....	9,500	26,087	29,367	736,869	21,787	40,000
Sinking fund debentures.....					1,768	
Accumulated net income invested in plant or held as working funds.....	39,330	73,323	72,515	519,804	98,789	94,000
Contributed capital.....	309		9,068	2,918	4,315	3,000
Total capital.....	49,139	99,410	110,950	1,259,591	126,659	1,39,000
Total.....	105,221	148,122	204,549	1,897,174	268,795	2,748,000
B. OPERATING STATEMENT						
REVENUE						
Sale of electrical energy.....	24,418	82,480	67,097	519,260	114,486	1,195,000
Miscellaneous.....	1,411	2,249	2,147	5,470	1,776	5,000
Total revenue.....	25,829	84,729	69,244	524,730	116,262	1,250,000
EXPENSE						
Power purchased.....	21,966	56,078	50,737	323,066	93,052	94,000
Local generation.....				43,766		4,000
Operation and maintenance.....	1,778	10,915	3,712	34,486	3,183	4,000
Administration.....	1,759	14,400	6,019	53,739	4,844	10,000
Financial.....				20,097	8,345	6,000
Depreciation.....	2,464	5,579	4,721	50,475	6,433	8,000
Other.....						
Total expense.....	27,967	86,972	65,189	525,629	115,857	1,23,000
Net income or net expense.....	2,138	2,243	4,055	899	405	1,000
Number of customers.....	203	430	385	3,104	625	10,000

ements for the Year Ended December 31, 1970

own	Ripley	Rockland	Rockwood	Rodney	Rosseau	Russell	St. Catharines	St. Clair Beach
12	436	3,499	1,000	1,064	237	605	104,969	1,939
	\$	\$	\$	\$	\$	\$	\$	\$
237	61,137	257,026	111,756	100,908	36,573	90,907	15,523,816	149,739
332	17,071	70,189	23,451	40,646	9,921	22,703	3,464,049	56,041
905	44,066	186,837	88,305	60,262	26,652	68,204	12,059,767	93,698
528	12,486	12,535	9,349	26,997	911	1,831	357,675	10,483
.....	6,000	6,000	5,000	.....	1,000	.....	50,000	20,000
.....	8,000	.....	.....	.....	1,500	.....	.....	.....
067	1,503	5,442	1,299	2,925	2,803	1,198	779,209	5,119
296	.....	.....	.....	30	218	200	278	.....
891	27,989	23,977	15,648	29,952	6,432	3,229	1,187,162	35,602
823	.....	1,041	.....	284	.....	.....	359,619	.....
838	1,184	2,184	845	.....	780	210	32,204	841
661	1,184	3,225	845	284	780	210	391,823	841
405	62,660	96,729	74,669	95,346	26,420	50,174	11,273,331	80,964
862	135,899	310,768	179,467	185,844	60,284	121,817	24,912,083	211,105
516	.....	31,500	11,121	.....	.....	.....	2,074,000	.....
259	3,235	16,170	5,746	5,418	431	5,854	963,824	8,846
033	369	9,120	721	1,341	.....	234	196,398	423
808	3,604	56,790	17,588	6,759	431	6,088	3,234,222	9,269
405	62,660	96,729	74,669	95,346	26,420	50,174	11,273,331	80,964
405	62,660	96,729	74,669	95,346	26,420	50,174	11,273,331	80,964
376	12,744	23,500	11,208	8,500	11,933	8,808	576,696	17,694
694	56,891	132,798	64,925	75,239	21,500	53,352	9,321,670	101,746
579	.....	951	11,077	.....	.....	3,395	506,164	1,432
649	69,635	157,249	87,210	83,739	33,433	65,555	10,404,530	120,872
862	135,899	310,768	179,467	185,844	60,284	121,817	24,912,083	211,105
028	30,234	148,426	54,046	51,463	15,488	39,315	9,226,769	99,007
569	1,300	4,610	1,854	1,927	431	460	153,390	2,680
597	31,534	153,036	55,900	53,390	15,919	39,775	9,380,159	101,687
205	26,361	112,146	37,258	37,876	12,259	33,309	7,160,692	81,881
028	1,964	10,083	1,732	4,768	1,415	928	570,095	5,019
132	2,612	8,929	6,265	6,176	1,045	2,578	580,666	8,113
220	.....	4,639	2,081	.....	.....	.....	223,880	.....
312	1,876	8,410	3,397	3,508	1,143	2,789	392,852	5,072
897	32,813	144,207	50,733	52,328	15,862	39,604	8,928,185	100,085
300	1,279	8,829	5,167	1,062	57	171	451,974	1,602
186	235	1,012	338	458	144	246	32,449	550

Municipal Electrical Utilities Financial Statements

Municipality.....	St. George	St. Jacobs	St. Mary's	St. Thomas	Sandwich
Population.....	975	930	4,495	24,418	10,000
A. BALANCE SHEET					
FIXED ASSETS	\$	\$	\$	\$	
Plant and facilities at cost.....	97,266	96,022	731,580	3,444,415	1,028,000
Less accumulated depreciation.....	27,921	24,410	252,316	1,187,946	326,000
Net fixed assets.....	69,345	71,612	479,264	2,256,469	701,000
CURRENT ASSETS					
Cash on hand and in bank.....	15,593	52,278	75,460	6,793	6,000
Investments - short-term.....			25,000	50,000	
- long-term.....		2,000	32,500	35,000	
Accounts receivable (net).....	251	2,439	10,835	188,528	45,000
Other.....			338	5,091	
Total current assets.....	15,844	56,717	144,133	285,412	51,000
OTHER ASSETS					
Inventories.....	45		12,956	108,234	5,000
Sinking fund on debentures.....					
Miscellaneous assets.....			51,039	581	10,000
Total other assets.....	45		63,995	108,815	16,000
Equity in Ontario Hydro.....	89,385	113,929	1,032,580	2,938,952	251,000
Total.....	174,619	242,258	1,719,972	5,589,648	1,022,000
LIABILITIES					
Debentures outstanding.....	7,700		2,000	135,000	181,000
Current liabilities.....	4,834	5,258	3,084	129,819	66,000
Other liabilities.....	400	90	2,520	67,508	119,000
Total liabilities.....	12,934	5,348	7,604	332,327	367,000
RESERVES					
Equity in Ontario Hydro.....	89,385	113,929	1,032,580	2,938,952	251,000
Other reserves.....					
Total reserves.....	89,385	113,929	1,032,580	2,938,952	251,000
CAPITAL					
Debentures redeemed.....	8,300	6,000	188,207	203,468	155,000
Sinking fund debentures.....					
Accumulated net income invested in plant or held as working funds.....	63,674	116,981	491,476	2,110,662	221,000
Contributed capital.....	326		105	4,239	26,000
Total capital.....	72,300	122,981	679,788	2,318,369	403,000
Total.....	174,619	242,258	1,719,972	5,589,648	1,022,000
B. OPERATING STATEMENT					
REVENUE					
Sale of electrical energy.....	56,370	71,235	294,629	1,961,316	503,000
Miscellaneous.....	1,441	2,887	18,342	13,959	19,000
Total revenue.....	57,811	74,122	312,971	1,975,275	522,000
EXPENSE					
Power purchased.....	41,383	54,534	205,804	1,328,144	365,000
Local generation.....					
Operation and maintenance.....	3,219	3,490	22,592	277,501	39,000
Administration.....	4,581	3,898	35,926	134,665	58,000
Financial.....	1,406		2,147	16,879	31,000
Depreciation.....	3,002	2,910	20,315	97,199	29,000
Other.....					
Total expense.....	53,591	64,832	286,784	1,854,388	523,000
Net income or net expense.....	4,220	9,290	26,187	120,887	1,000
Number of customers.....	339	286	1,836	8,896	3,000

ements for the Year Ended December 31, 1970

	Scarborough	Schreiber Twp. 2,109	Seaforth 1,970	Shelburne 1,542	Simcoe 10,359	Sioux Lookout 2,416	Smiths Falls 9,383	Southamp- ton 1,767
	\$	\$	\$	\$	\$	\$	\$	\$
236	37,760,014	229,500	422,943	250,512	1,616,987	364,996	1,443,942	400,685
327	10,416,966	82,748	120,818	84,304	469,298	122,498	494,196	102,230
909	27,343,048	146,752	302,125	166,208	1,147,689	242,498	949,746	298,455
271	183,984	15,458	10,402	275	.....	110	126,205	23,950
000	2,650,000	15,000	.....	.....	.....	75,000	.....	.....
432	25,000	5,000	9,000	.....	.....	.....	.....	.....
525	2,197,016	2,711	12,535	22,547	235,578	813	15,594	1,865
363	4,551	175	140	.....	963	.....	.....	.....
591	5,060,551	38,344	32,077	22,822	236,541	75,923	141,799	25,815
522	630,895	1,440	233	5,939	1,286	11,010	39,181	9,031
.....	3,430,742	.....	.....	.....	.....	.....	.....	.....
703	652,014	.....	443	8,644	8,959	.....	.....	.....
225	4,713,651	1,440	676	14,583	10,245	11,010	39,181	9,031
503	13,050,748	125,851	309,079	157,335	1,138,159	227,753	1,088,885	199,241
228	50,167,998	312,387	643,957	360,948	2,532,634	557,184	2,219,611	532,542
600	8,673,190	.....	2,800	.....	416,000	.....	.....	.....
837	3,078,383	9,283	19,078	16,199	18,391	16,875	50,407	12,231
437	1,133,474	.....	3,119	31,154	28,421	5,859	.....	793
874	12,885,047	9,283	24,997	47,353	462,812	22,734	50,407	13,024
503	13,050,748	125,851	309,079	157,335	1,138,159	227,753	1,088,885	199,241
503	13,050,748	125,851	309,079	157,335	1,138,159	227,753	1,088,885	199,241
913	4,670,041	50,000	71,640	16,991	89,435	.....	147,662	42,523
.....	3,430,742	.....	.....	.....	.....	.....	.....	.....
619	14,647,596	127,253	237,741	138,544	825,031	306,697	932,657	275,223
319	1,483,824	.....	500	725	17,197	.....	.....	2,531
851	24,232,203	177,253	309,881	156,260	931,663	306,697	1,080,319	320,277
228	50,167,998	312,387	643,957	360,948	2,532,634	557,184	2,219,611	532,542
588	19,693,182	114,591	174,005	112,819	1,020,500	175,699	750,533	175,506
203	1,200,479	2,628	5,695	5,498	23,481	8,347	16,299	7,085
791	20,893,661	117,219	179,700	118,317	1,043,981	184,046	766,832	182,591
5187	15,095,305	89,317	109,648	86,239	699,362	126,466	557,176	126,206
5858	1,233,389	7,723	21,822	4,024	83,595	26,919	53,547	22,675
2276	1,414,727	17,274	19,184	12,435	80,109	31,166	63,678	14,697
3509	1,097,997	.....	2,918	588	33,341	.....	.....	.....
5465	1,163,371	7,088	12,769	8,892	46,598	10,272	43,145	11,221
4295	20,004,789	121,402	166,341	112,178	943,005	194,823	717,546	174,799
5496	888,872	4,183	13,359	6,139	100,976	10,777	49,286	7,792
7100	86,467	692	886	768	4,053	976	3,689	1,431

Municipal Electrical Utilities Financial Statement

Municipality.....	South Grimsby Twp.	South River	Springfield	Stayner	Stirling
Population.....	2,900	969	521	1,911	1,400
A. BALANCE SHEET					
FIXED ASSETS	\$	\$	\$	\$	
Plant and facilities at cost.....	129,894	185,086	66,972	263,002	199,000
Less accumulated depreciation.....	40,837	62,646	23,396	51,651	60,000
Net fixed assets.....	89,057	122,440	43,576	211,351	139,000
CURRENT ASSETS					
Cash on hand and in bank.....	4,873	8,220	6,989	25	1,000
Investments - short-term.....		2,000			
- long-term.....	3,000				
Accounts receivable (net).....	586	8,624	765	16,722	
Other.....		154			
Total current assets.....	8,459	18,998	7,754	16,747	1,000
OTHER ASSETS					
Inventories.....				609	
Sinking fund on debentures.....					
Miscellaneous assets.....		13,243			
Total other assets.....		13,243		609	
Equity in Ontario Hydro.....	75,452	22,030	48,218	151,870	123,000
Total.....	172,968	176,711	99,548	380,577	270,000
LIABILITIES					
Debentures outstanding.....		61,500		25,000	1,000
Current liabilities.....	4,759	9,494	2,340	25,764	7,000
Other liabilities.....	815	2,178	360	1,471	1,000
Total liabilities.....	5,574	73,172	2,700	52,235	10,000
RESERVES					
Equity in Ontario Hydro.....	75,452	22,030	48,218	151,870	123,000
Other reserves.....					
Total reserves.....	75,452	22,030	48,218	151,870	123,000
CAPITAL					
Debentures redeemed.....	15,000	28,500	9,500	9,557	21,000
Sinking fund debentures.....					
Accumulated net income invested in plant or held as working funds.....	75,108	52,649	39,130	163,139	113,000
Contributed capital.....	1,834	360		3,776	
Total capital.....	91,942	81,509	48,630	176,472	134,000
Total.....	172,968	176,711	99,548	380,577	270,000
B. OPERATING STATEMENT					
REVENUE					
Sale of electrical energy.....	60,220	73,461	24,694	118,491	85,000
Miscellaneous.....	2,977	1,138	462	4,499	3,000
Total revenue.....	63,197	74,599	25,156	122,990	88,000
EXPENSE					
Power purchased.....	37,941	41,034	15,033	88,815	69,000
Local generation.....					
Operation and maintenance.....	5,458	5,500	2,529	8,711	6,000
Administration.....	14,556	6,689	1,559	8,817	10,000
Financial.....		7,772			
Depreciation.....	4,119	5,095	2,210	7,752	7,000
Other.....					
Total expense.....	62,074	66,090	21,331	114,095	92,000
Net income or net expense.....	1,123	8,509	3,825	8,895	4,000
Number of customers.....	442	358	188	873	400

ements for the Year Ended December 31, 1970

	Stouffville	Stratford	Strathroy	Streetsville	Sturgeon Falls	Sudbury	Sunderland	Sundridge
	4,394	22,890	6,376	6,215	6,524	90,543	660	684
	\$	\$	\$	\$	\$	\$	\$	\$
613	546,240	5,618,869	1,002,858	709,814	655,360	11,736,134	75,317	105,908
583	140,802	1,123,212	354,122	170,135	180,030	3,550,230	26,407	27,449
030	405,438	4,495,657	648,736	539,679	475,330	8,185,904	48,910	78,459
822	58,810	21,144	40,999	54,395	23,807	92,724	16,553	14,231
000	37,000	75,000	.....	55,000	.....	.....	.....	3,000
317	6,101	270,716	7,404	14,869	13,566	832,026	2,000	15,953
100	.....	11,815	.....	1,737	212	2,340	973	761
239	101,911	378,675	48,403	126,001	37,585	927,090	19,526	33,945
.....	640	238,720	3,451	574	.....	226,330	.....	1,510
.....	9,356	72,116	19,007	.....	8,737	99,310	.....	1,982
.....	9,996	310,836	22,458	574	8,737	325,640	.....	3,492
065	263,891	3,261,233	625,085	301,183	210,826	4,186,809	65,151	40,947
334	781,236	8,446,401	1,344,682	967,437	732,478	13,625,443	133,587	156,843
000	36,551	1,620,500	99,000	44,891	121,900	1,707,000	.....	5,222
160	50,692	314,875	39,896	37,430	29,866	1,196,383	56	8,201
415	11,158	23,473	23,355	6,861	23,436	402,250	198	566
575	98,401	1,958,848	162,251	89,182	175,202	3,305,633	254	13,989
065	263,891	3,261,233	625,085	301,183	210,826	4,186,809	65,151	40,947
065	263,891	3,261,233	625,085	301,183	210,826	4,186,809	65,151	40,947
460	46,650	805,300	93,869	108,918	93,100	1,522,282	4,628	29,778
388	363,816	2,286,195	454,077	401,076	253,350	4,475,836	63,554	71,927
846	8,478	134,825	9,400	67,078	.....	134,883	.....	202
694	418,944	3,226,320	557,346	577,072	346,450	6,133,001	68,182	101,907
334	781,236	8,446,401	1,344,682	967,437	732,478	13,625,443	133,587	156,843
5660	277,348	2,370,031	546,843	356,193	344,092	4,756,634	38,857	54,165
5778	19,869	92,343	7,710	13,526	10,568	314,705	2,714	1,521
438	297,217	2,462,374	554,553	369,719	354,660	5,071,339	41,571	55,686
7795	212,285	1,537,862	339,826	293,268	224,163	3,402,429	31,599	42,953
6263	13,105	199,649	38,985	10,877	32,897	594,759	1,319	1,978
6493	28,508	194,908	53,637	21,343	36,968	633,416	2,564	5,119
2324	5,111	176,439	13,019	10,155	18,594	206,741	.....	2,809
6894	17,116	147,309	26,522	21,487	21,973	399,075	3,243	2,837
9769	276,125	2,256,167	471,989	357,130	334,595	5,236,420	38,725	55,696
1669	21,092	206,207	82,564	12,589	20,065	165,081	2,846	10
2183	1,534	7,902	2,252	1,700	1,927	27,298	296	357

Municipal Electrical Utilities Financial Statements

Municipality.....	Sutton	Tara	Tavistock	Tecumseh	Teeswater
Population.....	1,637	660	1,356	4,955	937
A. BALANCE SHEET					
FIXED ASSETS	\$	\$	\$	\$	
Plant and facilities at cost.....	262,387	98,374	237,354	472,085	103,417
Less accumulated depreciation.....	51,476	12,444	93,005	183,300	32,100
Net fixed assets.....	210,911	85,930	144,349	288,785	71,317
CURRENT ASSETS					
Cash on hand and in bank.....	18,161	8,949	9,853	54,160	26,115
Investments – short-term.....			12,000		
– long-term.....	20,000	8,000			15,000
Accounts receivable (net).....	10,341	1,276	769	27,011	2,000
Other.....	183				
Total current assets.....	48,685	18,225	22,622	81,171	43,115
OTHER ASSETS					
Inventories.....	284	692	422	16,108	
Sinking fund on debentures.....					
Miscellaneous assets.....	13,911			3,321	8,000
Total other assets.....	14,195	692	422	19,429	8,000
Equity in Ontario Hydro.....	184,911	73,671	232,691	252,053	115,000
Total.....	458,702	178,518	400,084	641,438	239,432
LIABILITIES					
Debentures outstanding.....			3,501	49,700	
Current liabilities.....	14,073	15,059	10,190	34,842	6,000
Other liabilities.....	5,364	8,400		2,538	
Total liabilities.....	19,437	23,459	13,691	87,080	6,000
RESERVES					
Equity in Ontario Hydro.....	184,911	73,671	232,691	252,053	115,000
Other reserves.....					
Total reserves.....	184,911	73,671	232,691	252,053	115,000
CAPITAL					
Debentures redeemed.....	26,000	14,264	31,783	31,300	21,000
Sinking fund debentures.....					
Accumulated net income invested in plant or held as working funds.....	200,557	62,366	121,502	257,855	95,000
Contributed capital.....	27,797	4,758	417	13,150	
Total capital.....	254,354	81,388	153,702	302,305	117,000
Total.....	458,702	178,518	400,084	641,438	239,432
B. OPERATING STATEMENT					
REVENUE					
Sale of electrical energy.....	171,985	60,475	110,060	250,746	74,000
Miscellaneous.....	6,288	1,718	6,778	11,031	2,000
Total revenue.....	178,273	62,193	116,838	261,777	77,000
EXPENSE					
Power purchased.....	130,632	45,844	87,351	180,804	63,000
Local generation.....					
Operation and maintenance.....	11,027	3,413	5,052	31,076	1,000
Administration.....	24,190	1,225	6,892	30,777	4,000
Financial.....		1,364	2,226	5,706	
Depreciation.....	6,797	3,037	8,493	14,136	4,000
Other.....					
Total expense.....	172,646	54,883	110,014	262,499	74,000
Net income or net expense.....	5,627	7,310	6,824	722	3,000
Number of customers.....	1,010	283	571	1,527	300

ements for the Year Ended December 31, 1970

Bay	Thamesford	Thamesville	Thedford	Thessalon	Thornbury	Thorndale	Thornton	Thorold
8	1,500	1,037	725	1,776	1,203	450	315	8,900
	\$	\$	\$	\$	\$	\$	\$	\$
461	197,570	185,873	88,210	258,934	229,624	54,103	33,819	1,132,710
412	68,716	74,803	26,820	63,066	37,136	27,627	14,226	305,187
049	128,854	111,070	61,390	195,868	192,488	26,476	19,593	827,523
248	16,211	5,627	10,203	22,213	815	16,053	2,914	7,515
000	.....	10,394	.....	.....	.....	.....	.....	293,066
	20,000	3,929	8,000	.....	.....	3,000	.....	.....
285	92	746	3,101	4,698	18,320	827	484	37,736
235	.....	.....	.....	171	300	400	.....	318
768	36,303	20,696	21,304	27,082	19,435	20,280	3,398	338,635
	92	244	29	.....	8,288	.....	.....	27,442
	69	306	7,254	4,048	2,832	.....	.....	502
	161	550	7,283	4,048	11,120	.....	.....	27,944
369	125,022	130,068	78,711	52,947	87,215	44,986	23,057	1,330,885
186	290,340	262,384	168,688	279,945	310,258	91,742	46,048	2,524,987
	200	5,600	.....	21,500	4,350	.....	.....	25,999
467	8,211	6,210	4,798	20,984	28,752	1,728	2,642	32,260
90	3,174	1,256	296	2,200	733	268	79	51,440
557	11,585	13,066	5,094	44,684	33,835	1,996	2,721	109,699
369	125,022	130,068	78,711	52,947	87,215	44,986	23,057	1,330,885
369	125,022	130,068	78,711	52,947	87,215	44,986	23,057	1,330,885
000	8,158	13,588	16,500	43,500	81,650	3,086	7,200	101,281
069	140,955	97,823	67,827	138,814	99,558	41,631	13,070	919,415
191	4,620	7,839	556	.....	8,000	43	.....	63,707
260	153,733	119,250	84,883	182,314	189,208	44,760	20,270	1,084,403
186	290,340	262,384	168,688	279,945	310,258	91,742	46,048	2,524,987
228	92,085	75,631	49,236	113,540	109,013	22,295	14,541	479,213
463	6,533	3,666	2,424	2,995	3,577	2,358	293	30,016
691	98,618	79,297	51,660	116,535	112,590	24,653	14,834	509,229
2,543	73,735	55,542	35,860	73,476	75,666	16,026	12,516	288,046
5,470	5,440	5,997	1,732	10,853	10,102	2,851	377	61,980
2,684	8,941	11,765	3,266	16,691	14,805	3,047	1,081	87,364
4,046	212	1,243	.....	5,134	3,002	.....	.....	9,423
3,401	7,264	6,336	3,070	7,220	6,722	2,433	1,229	30,835
5,144	95,592	80,883	43,928	113,374	110,297	24,357	15,203	477,648
2,453	3,026	1,586	7,732	3,161	2,293	296	369	31,581
481	492	450	312	605	609	159	121	2,660

Municipal Electrical Utilities Financial Statements

Municipality.....	Thunder Bay	Tilbury	Tillsonburg	Toronto	Tottenham
Population.....	106,540	3,501	6,275	677,232	1,360,000
A. BALANCE SHEET					
FIXED ASSETS	\$	\$	\$	\$	\$
Plant and facilities at cost.....	17,133,542	518,128	1,318,288	133,820,120	127,000,000
Less accumulated depreciation.....	6,630,913	170,913	322,315	45,130,924	30,000,000
Net fixed assets.....	10,502,629	347,215	995,973	88,689,196	96,000,000
CURRENT ASSETS					
Cash on hand and in bank.....	256,860	1,824	61,859	274,776	.....
Investments - short-term.....	1,100,000	.....	.....	8,250,500	.....
- long-term.....	149,208	.....	.....	90,445	.....
Accounts receivable (net).....	988,606	14,746	14,171	6,608,413	6,000,000
Other.....	18,240	520	2,000	1,864,661	.....
Total current assets.....	2,513,094	17,090	78,030	17,088,795	6,000,000
OTHER ASSETS					
Inventories.....	326,720	1,854	32,796	2,538,518	.....
Sinking fund on debentures.....	.....	.....	.....	4,573,946	.....
Miscellaneous assets.....	3,056	1,571	553	9,522,424	.....
Total other assets.....	329,776	3,425	33,349	16,634,888	.....
Equity in Ontario Hydro.....	20,674,347	357,902	725,416	119,053,384	75,000,000
Total.....	34,019,846	725,632	1,832,768	241,466,263	179,000,000
LIABILITIES					
Debentures outstanding.....	341,000	51,500	8,000	9,581,050	.....
Current liabilities.....	806,140	27,109	69,003	6,230,542	10,000,000
Other liabilities.....	820,220	4,175	26,300	1,829,400	36,000,000
Total liabilities.....	1,967,360	82,784	103,303	17,640,992	46,000,000
RESERVES					
Equity in Ontario Hydro.....	20,674,347	357,902	725,416	119,053,384	75,000,000
Other reserves.....	100,000	.....	.....	244,000	.....
Total reserves.....	20,774,347	357,902	725,416	119,297,384	75,000,000
CAPITAL					
Debentures redeemed.....	1,697,456	61,886	196,764	35,508,943	21,000,000
Sinking fund debentures.....	.....	.....	.....	4,573,946	.....
Accumulated net income invested in plant or held as working funds.....	8,832,339	204,600	800,968	61,430,052	32,000,000
Contributed capital.....	748,344	18,460	6,317	3,014,946	2,000,000
Total capital.....	11,278,139	284,946	1,004,049	104,527,887	57,000,000
Total.....	34,019,846	725,632	1,832,768	241,466,263	179,000,000
B. OPERATING STATEMENT					
REVENUE					
Sale of electrical energy.....	7,064,098	242,250	514,262	59,966,488	58,000,000
Miscellaneous.....	387,170	9,372	19,114	2,241,475	1,000,000
Total revenue.....	7,451,268	251,622	533,376	62,207,963	60,000,000
EXPENSE					
Power purchased.....	5,204,012	163,028	385,299	42,542,185	44,000,000
Local generation.....	26,911	.....	.....	.....	.....
Operation and maintenance.....	577,759	20,432	53,582	7,165,301	4,000,000
Administration.....	842,836	29,856	51,346	5,866,675	5,000,000
Financial.....	116,202	12,435	9,052	1,150,216	2,000,000
Depreciation.....	561,552	14,060	34,881	3,583,532	3,000,000
Other.....	.....	.....	.....	.....	.....
Total expense.....	7,329,272	239,811	534,160	60,307,909	60,000,000
Net income or net expense.....	121,996	11,811	784	1,900,054	.....
Number of customers.....	33,525	1,280	2,783	218,174	.....

Statements for the Year Ended December 31, 1970

	Tweed	Uxbridge	Vankleek Hill	Vaughan Twp.	Victoria Harbour	Walkerton	Wallaceburg	Wardsville
1	1,805	3,009	1,699	18,747	1,155	4,268	10,545	325
46	\$ 232,902	\$ 395,237	\$ 195,248	\$ 3,878,601	\$ 124,525	\$ 541,788	\$ 1,632,705	\$ 55,304
96	69,553	112,151	80,556	1,094,587	32,743	169,912	626,862	19,176
50	163,349	283,086	114,692	2,784,014	91,782	371,876	1,005,843	36,128
09	7,241	18,046	1,413	377,430	1,478	24,248	20,234	6,502
00	11,000	50,000	10,000	.....	.....	.....	70,000	.....
00	.....	2,934	10,000	.....	.....	3,000	.....	1,500
69	2,605	6,081	301	259,506	12,089	35,958	32,837	691
09	1,217	.....	359	.....	.....	.....	.....	.....
87	22,063	77,061	22,073	636,936	13,567	63,206	123,071	8,693
03	33	.....	.....	77,529	506	14,318	71,536	.....
02	1,217	295	1,798	282,963	594	743	4,356	.....
05	1,250	295	1,798	360,492	1,100	15,061	75,892	.....
748	163,006	256,642	57,206	790,149	58,910	408,151	1,732,441	31,411
90	349,668	617,084	195,769	4,571,591	165,359	858,294	2,937,247	76,232
00	.....	60,300	9,700	2,845,000	.....	.....	120,000	.....
724	10,738	6,366	12,610	684,555	20,322	30,061	84,600	1,844
410	517	4,517	234	301,080	276	5,164	10,030	144
134	11,255	71,183	22,544	3,830,635	20,598	35,225	214,630	1,988
748	163,006	256,642	57,206	790,149	58,910	408,151	1,732,441	31,411
748	163,006	256,642	57,206	790,149	58,910	408,151	1,732,441	31,411
587	19,000	29,937	36,300	142,388	18,781	56,749	76,368	7,562
260	156,407	257,389	79,719	224,421	65,541	358,169	907,808	32,281
361	.....	1,933	.....	32,840	1,529	.....	6,000	2,990
208	175,407	289,259	116,019	49,193	85,851	414,918	990,176	42,833
90	349,668	617,084	195,769	4,571,591	165,359	858,294	2,937,247	76,232
654	123,813	237,631	88,273	2,246,236	68,267	355,235	1,305,165	21,349
512	5,739	13,682	4,085	78,788	969	12,413	27,521	481
166	129,552	251,313	92,358	2,325,024	69,236	367,648	1,332,686	21,830
069	94,193	161,948	70,753	1,612,001	45,282	287,243	970,652	15,286
886	6,288	17,057	4,791	93,421	3,945	21,745	49,455	1,477
317	9,408	23,256	8,637	122,076	7,676	27,528	106,120	1,428
675	.....	9,770	3,634	292,630	2,274	.....	13,992	.....
998	8,485	12,775	7,304	144,679	3,730	21,062	50,686	1,989
945	118,374	224,806	95,119	2,264,807	62,907	357,578	1,190,905	20,180
221	11,178	26,507	2,761	60,217	6,329	10,070	141,781	1,650
880	706	1,105	614	6,081	602	1,606	3,776	185

Municipal Electrical Utilities Financial Statements

Municipality.....	Warkworth	Wasaga Beach	Waterdown	Waterford	Waterloo
Population.....	550	1,480	2,115	2,421	34,500
A. BALANCE SHEET					
FIXED ASSETS	\$	\$	\$	\$	
Plant and facilities at cost.....	85,389	256,037	271,884	265,686	6,866,000
Less accumulated depreciation.....	29,896	96,541	88,104	74,539	1,417,000
Net fixed assets.....	55,493	159,496	183,780	191,147	5,449,000
CURRENT ASSETS					
Cash on hand and in bank.....	8,286	13,304	8,106	7,325	69,000
Investments – short-term.....			5,000	30,000	
– long-term.....					
Accounts receivable (net).....	147	7,837	7,977	642	340,000
Other.....		3,600	27		5,000
Total current assets.....	8,433	24,741	21,110	37,967	415,000
OTHER ASSETS					
Inventories.....		437		454	205,000
Sinking fund on debentures.....					
Miscellaneous assets.....		9,311	642	166	37,000
Total other assets.....		9,748	642	620	242,000
Equity in Ontario Hydro.....	43,274	66,488	154,249	209,756	2,633,000
Total.....	107,200	260,473	359,781	439,490	8,741,000
LIABILITIES					
Debentures outstanding.....	4,186	5,500	9,000	17,700	1,756,000
Current liabilities.....	3,807	19,662	10,412	2,791	366,000
Other liabilities.....	288	221	1,097	6,854	40,000
Total liabilities.....	8,281	25,383	20,509	27,345	2,163,000
RESERVES					
Equity in Ontario Hydro.....	43,274	66,488	154,249	209,756	2,633,000
Other reserves.....					
Total reserves.....	43,274	66,488	154,249	209,756	2,633,000
CAPITAL					
Debentures redeemed.....	10,587	104,500	28,632	24,423	1,211,000
Sinking fund debentures.....					
Accumulated net income invested in plant or held as working funds.....	39,575	64,102	142,099	173,535	2,216,000
Contributed capital.....	5,483		14,292	4,431	516,000
Total capital.....	55,645	168,602	185,023	202,389	3,945,000
Total.....	107,200	260,473	359,781	439,490	8,741,000
B. OPERATING STATEMENT					
REVENUE					
Sale of electrical energy.....	34,072	107,921	123,904	148,766	3,364,000
Miscellaneous.....	1,464	3,576	4,998	4,039	60,000
Total revenue.....	35,536	111,497	128,902	152,805	3,425,000
EXPENSE					
Power purchased.....	23,831	70,378	88,777	102,060	2,339,000
Local generation.....					
Operation and maintenance.....	1,285	12,059	9,363	21,366	204,000
Administration.....	3,242	18,684	9,194	14,719	242,000
Financial.....	642	6,913	1,562	2,850	232,000
Depreciation.....	3,306	8,315	10,143	6,925	171,000
Other.....					
Total expense.....	32,306	116,349	119,039	147,920	3,190,000
Net income or net expense.....	3,230	4,852	9,863	4,885	235,000
Number of customers.....	257	946	647	911	9,000

ments for the Year Ended December 31, 1970

	Waubau- shene 1,550	Webbwood 570	Welland 44,680	Wellesley 836	Wellington 924	West Lorne 1,040	Westport 647	Wheatley 1,605
	\$ 83,370 20,045	\$ 61,541 14,783	\$ 6,291,976 1,781,993	\$ 96,027 23,469	\$ 124,293 51,462	\$ 173,335 78,569	\$ 68,205 16,151	\$ 256,097 68,508
04	63,325	46,758	4,509,983	72,558	72,831	94,766	52,054	187,589
20	737	2,173	121,018	4,187	.....	16,257	14,881	12,429
00	.....	3,000	200,000	8,000	16,000	45,000	.....	.....
55	.....	5,000	.....	1,000	6,000	10,000	3,500	20,000
04	3,530	1,802	64,819	400	1,365	3,354	158	1,314
38	.....	.....	3,547	.....	.....	138	15	.....
17	4,267	11,975	389,384	13,587	23,365	74,749	18,554	33,743
04	.....	.....	132,106	30	650	552	.....	1,177
.....
.....	.....	1,974	43,578	.....	797	1,399	.....	360
04	.....	1,974	175,684	30	1,447	1,951	.....	1,537
11	48,625	12,503	3,315,863	79,786	103,765	185,732	60,528	137,838
26	116,217	73,210	8,390,914	165,961	201,408	357,198	131,136	360,707
.....
53	.....	9,063	1,787,500	.....	.....	.....	.....	.....
86	8,702	6,116	284,562	3,412	10,260	8,569	3,639	6,670
.....	20	518	23,179	238	750	297	447	751
39	8,722	15,697	2,095,241	3,650	11,010	8,866	4,086	7,421
11	48,625	12,503	3,315,863	79,786	103,765	185,732	60,528	137,838
.....
11	48,625	12,503	3,315,863	79,786	103,765	185,732	60,528	137,838
056	3,242	20,937	936,438	12,428	13,816	8,000	15,000	52,000
.....
520	55,628	24,073	1,862,836	68,797	63,325	151,100	51,445	161,898
.....	.....	.....	180,536	1,300	9,492	3,500	77	1,550
576	58,870	45,010	2,979,810	82,525	86,633	162,600	66,522	215,448
726	116,217	73,210	8,390,914	165,961	201,408	357,198	131,136	360,707
.....
034	40,281	24,410	2,992,117	43,401	52,636	98,341	37,468	89,762
787	1,480	1,054	70,793	1,191	3,962	9,388	1,153	2,037
821	41,761	25,464	3,062,910	44,592	56,598	107,729	38,621	91,799
698	28,944	15,708	2,103,524	33,446	41,758	78,244	29,464	61,507
463	6,483	1,561	212,986	1,687	5,556	4,004	1,631	7,015
501	3,885	3,272	251,834	4,248	6,978	14,141	3,601	10,924
981	2,554	2,779	229,237	344	.....	.....	.....	.....
.....	.....	1,829	162,472	3,002	5,057	6,437	1,887	7,269
643	41,866	25,149	2,960,053	42,727	59,349	102,826	36,583	86,715
822	105	315	102,857	1,865	2,751	4,903	2,038	5,084
598	478	171	12,268	323	500	491	318	606

Municipal Electrical Utilities Financial Statement

Municipality.....	Whitby	Warton	Williamsburg	Winchester	Windsor
Population.....	23,689	1,945	325	1,588	1,000
A. BALANCE SHEET					
FIXED ASSETS					
Plant and facilities at cost.....	\$ 3,927,166	\$ 243,703	\$ 33,714	\$ 174,904	\$ 1,000,000
Less accumulated depreciation.....	1,094,643	84,230	17,246	64,251	1,000,000
Net fixed assets.....	2,832,523	159,473	16,468	110,653	0
CURRENT ASSETS					
Cash on hand and in bank.....	81,423	10,573	4,847	18,694	0
Investments - short-term.....	34,000	.....	11,000	20,000	.....
- long-term.....	.....	32,000	5,000	.....	.....
Accounts receivable (net).....	78,368	4,174	447	2,419	.....
Other.....	.....	.....	.....	282	.....
Total current assets.....	193,791	46,747	21,294	41,395	.....
OTHER CURRENT ASSETS					
Inventories.....	94,814	6,682	.....	.....	.....
Sinking fund on debentures.....	.....	.....	.....	.....	.....
Miscellaneous assets.....	3,569	1,711	.....	2,015	.....
Total other assets.....	98,383	8,393	.....	2,015	.....
Equity in Ontario Hydro.....	1,231,119	198,638	43,968	190,717	2,000,000
Total.....	4,355,816	413,251	81,730	344,780	7,000,000
LIABILITIES					
Debentures outstanding.....	213,000	.....	.....	.....	.....
Current liabilities.....	1,054,960	10,982	1,500	11,462	.....
Other liabilities.....	372,168	141	448	158	.....
Total liabilities.....	1,640,128	11,123	1,948	11,620	.....
RESERVES					
Equity in Ontario Hydro.....	1,231,119	198,638	43,968	190,717	2,000,000
Other reserves.....	.....	.....	.....	.....	.....
Total reserves.....	1,231,119	198,638	43,968	190,717	2,000,000
CAPITAL					
Debentures redeemed.....	445,870	37,400	2,750	29,162	1,000,000
Sinking fund debentures.....	.....	.....	.....	.....	.....
Accumulated net income invested in plant or held as working funds.....	974,469	164,433	33,064	113,281	3,000,000
Contributed capital.....	64,230	1,657	.....	.....	.....
Total capital.....	1,484,569	203,490	35,814	142,443	4,000,000
Total.....	4,355,816	413,251	81,730	344,780	7,000,000
B. OPERATING STATEMENT					
REVENUE					
Sale of electrical energy.....	1,826,960	127,783	18,629	132,554	1,000,000
Miscellaneous.....	96,134	8,950	1,288	3,373	.....
Total revenue.....	1,923,094	136,733	19,917	135,927	1,000,000
EXPENSE					
Power purchased.....	1,327,765	105,588	15,256	118,513	1,000,000
Local generation.....	.....	.....	.....	.....	.....
Operation and maintenance.....	140,782	11,702	1,146	4,622	1,000,000
Administration.....	147,169	11,646	1,987	10,200	.....
Financial.....	132,790	.....	.....	.....	.....
Depreciation.....	140,093	8,883	1,327	5,721	1,000,000
Other.....	.....	.....	.....	.....	.....
Total expense.....	1,888,599	137,819	19,716	139,056	1,000,000
Net income or net expense.....	34,495	1,086	201	3,129	0
Number of customers.....	6,971	874	149	647	1,000

ements for the Year Ended December 31, 1970

isor	Wingham	Woodbridge	Woodstock	Woodville	Wyoming	York	Zurich	Summary All Regions
387	2,833	2,457	24,824	463	1,224	142,025	717	
	\$	\$	\$	\$	\$	\$	\$	\$
435	502,165	236,058	4,125,491	58,779	132,776	14,388,027	111,119	866,551,765
542	199,938	112,885	1,341,151	17,472	48,944	5,032,218	19,165	238,749,590
893	302,227	123,173	2,784,340	41,307	83,832	9,355,809	91,954	627,802,175
013	100	13,324	25,391	3,607	3,343	2,010	12,770	11,889,717
.....	10,000	75,000	270,000	.....	.....	500,000	.....	29,340,687
716	39,801	24,825	.....	3,000	9,330	500,000	.....	5,827,448
845	3,486	3,759	40,926	1,210	1,599	592,299	3,964	32,352,591
665	68	4,375	144	.....	85	117,256	.....	2,928,405
239	53,455	121,283	336,461	7,817	14,357	1,711,565	16,734	82,338,848
947	12,434	.....	128,905	.....	77	176,934	260	18,107,495
.....	.....	.....	.....	.....	.....	.....	.....	15,859,915
856	1,467	14,247	143	1,500	.....	1,079,968	.....	14,822,683
803	13,901	14,247	129,048	1,500	77	1,256,902	260	48,790,093
247	385,470	309,488	3,122,458	42,751	71,793	9,921,855	81,705	520,667,796
182	755,053	568,191	6,372,307	93,375	170,059	22,246,131	190,653	1,279,598,912
996	.....	.....	.....	.....	.....	4,200	.....	117,438,918
760	3,537	2,862	178,608	2,189	6,466	766,102	4,730	50,925,570
992	4,326	5,600	43,506	.....	700	1,048,903	189	15,748,438
748	7,863	8,462	222,114	2,189	7,166	1,819,205	4,919	184,112,926
247	385,470	309,488	3,122,458	42,751	71,793	9,921,855	81,705	520,667,796
.....	.....	.....	.....	.....	.....	.....	.....	1,067,275
247	385,470	309,488	3,122,458	42,751	71,793	9,921,855	81,705	521,735,071
821	81,155	23,835	429,776	5,248	9,700	786,878	5,592	128,751,301
.....	.....	.....	.....	.....	.....	.....	.....	15,859,915
4,092	280,565	223,780	2,445,121	43,187	80,669	9,670,674	98,437	388,752,020
1,274	.....	2,626	152,838	.....	731	47,519	.....	40,387,679
4,187	361,720	250,241	3,027,735	48,435	91,100	10,505,071	104,029	573,750,915
7,182	755,053	568,191	6,372,307	93,375	170,059	22,246,131	190,653	1,279,598,912
6,012	242,862	164,423	2,184,764	23,180	67,446	7,139,329	54,680	439,342,533
7,202	11,169	14,873	73,503	1,063	1,865	396,456	2,484	14,908,233
3,214	254,031	179,296	2,258,267	24,243	69,311	7,535,785	57,164	454,250,766
4,466	198,266	148,179	1,747,979	17,431	53,853	5,265,935	36,076	325,567,580
.....	.....	.....	.....	.....	.....	.....	.....	877,188
6,691	14,902	9,386	172,683	1,572	3,823	473,686	6,504	33,066,815
6,252	26,618	21,918	128,067	1,974	4,046	1,023,899	7,224	34,289,142
9,861	.....	.....	508	.....	.....	23,559	.....	15,530,872
7,122	14,097	11,475	127,907	2,314	4,537	474,363	2,818	24,729,702
.....	.....	.....	.....	.....	.....	.....	.....	66,934
4,392	253,883	190,958	2,177,144	23,291	66,259	7,261,442	52,622	434,128,233
8,822	148	11,662	81,123	952	3,052	274,343	4,542	20,122,533
2,060	1,222	850	8,486	211	464	42,998	339	1,766,086

STATEMENT "C"

The Annual Report no longer includes a schedule of retail rates and typical bills for service by the municipal electric distribution systems receiving power from the Commission. Readers of the Report whose particular interest is in rate schedules may obtain on application to the Statistical Department of the Consumer Service Division at the Commission's Head Office a computer print-out of rates as in effect December 31, 1970, or of rates currently in force.

Statement C in this Report records revenue, consumption, number of customers, average consumption per customer, and average cost per kilowatt-hour for each of the three main classes of service in all the municipal systems served. The number of customers shown is that at the end of the year under review, but the calculation of average consumption per customer is based on the average of the numbers served at the end of the year under review and the preceding year. The revenue and consumption from house heating and the use of flat-rate water heaters are included in the totals shown, the flat-rate water-heater kilowatt-hours being estimated on the basis of 16.8 hours' use per day.

The average cost per kilowatt-hour is the average cost to the customer, that is the average revenue per kilowatt-hour received by the utility. Such a statistical average does not represent the utility's actual cost of delivering one kilowatt-hour. However, a comparison of this average over a number of years is some indication of the trend of cost in any one municipality, and the trend in all municipal systems combined may be seen in the table on page 86 and the graphs on page 87. Other things being equal, the average cost per kilowatt-hour would rise with an increase in rates. The normal trend, however, is for consumption per customer to increase, and residential customers in particular are using an ever-widening variety of electrical appliances, including fast-recovery water heaters. This increased use, since it is billed at the lower rates usually applicable to higher-consumption blocks of kilowatt-hours, is frequently reflected in a lower average cost per kilowatt-hour.

For industrial power service customers, the relationship between demand (kilowatts required) and energy (kilowatt-hours of use) is an important factor in establishing the customer's average cost per kilowatt-hour. The use of the demand for only a few hours will result in a relatively small total bill but a high average cost per kilowatt-hour; the use of the same demand for several hours will increase the total bill but substantially reduce the average cost per kilowatt-hour. In other words, the average cost per kilowatt-hour varies inversely with the customer's load factor.

CUSTOMERS, REVENUE
for the Year
In Forty Major Municipalities
(Arranged in descending order of revenue)

Municipality	TOTAL REVENUE (including Street Lighting)	TOTAL CONSUMPTION (including Street Lighting)	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
			Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer
	\$	kwh	\$	kwh		kwh
Toronto.....	59,966,488	5,118,770,276	16,083,082	1,132,758,016	187,075	503
Hamilton.....	36,794,300	3,962,095,672	7,578,664	570,194,178	87,866	548
North York.....	30,753,089	2,658,797,857	12,478,273	1,019,563,219	116,101	\$733
Ottawa.....	23,641,093	2,141,313,922	7,235,441	810,696,384	89,632	754
Etobicoke.....	22,633,618	1,949,310,368	8,582,674	692,898,062	80,991	715
Scarborough.....	19,693,182	1,657,575,741	8,795,649	713,320,935	81,011	740
Windsor.....	14,636,012	1,214,114,110	5,297,979	336,446,580	55,285	512
Mississauga.....	13,928,036	1,201,086,425	4,886,184	385,952,580	33,421	983
London.....	15,680,222	1,173,631,994	6,853,394	416,886,926	61,189	573
St. Catharines.....	9,226,769	799,914,795	2,959,056	194,897,388	29,390	560
Kitchener.....	9,068,067	752,766,541	2,923,615	237,291,851	29,766	673
Oakville.....	7,220,634	691,988,147	2,157,103	156,673,353	14,566	917
Oshawa.....	7,447,643	657,457,455	2,853,489	240,498,087	23,818	860
Thunder Bay.....	7,064,098	644,711,214	2,910,119	255,328,481	29,963	\$711
York.....	7,139,330	638,921,506	2,946,222	257,561,910	38,874	539
East York.....	5,972,215	516,053,773	2,414,075	199,151,765	32,542	\$508
Guelph.....	5,530,921	467,994,313	2,010,014	151,300,042	15,427	830
Burlington.....	5,736,944	428,704,461	2,764,828	196,553,250	19,769	834
Peterborough.....	4,919,427	428,090,515	2,137,220	167,178,690	16,729	846
Sudbury.....	4,756,634	399,906,264	2,537,062	236,826,610	24,571	787
Brantford.....	4,398,575	382,740,994	1,681,880	126,391,760	18,614	569
Sarnia.....	4,330,588	372,370,165	1,603,544	112,056,709	15,315	612
Kingston.....	4,065,219	367,077,496	1,645,736	141,999,141	16,537	717
Nepean Twp.....	4,649,588	355,400,959	2,372,306	175,845,631	13,520	\$1,096
Niagara Falls.....	4,174,699	300,680,037	1,531,636	104,859,788	16,206	543
Waterloo.....	3,364,636	275,641,530	1,082,400	82,445,031	8,145	853
North Bay.....	3,177,388	259,000,479	1,497,013	114,942,878	13,147	736
Galt.....	2,920,562	248,611,711	1,094,397	85,244,172	9,957	726
Brampton.....	3,363,683	235,263,603	1,194,527	78,038,950	11,098	633
Welland.....	2,992,117	229,168,190	965,628	59,977,492	11,016	456
Chatham.....	3,002,358	220,027,913	867,466	56,363,214	9,521	491
Barrie.....	2,205,904	203,285,817	1,034,604	89,028,035	8,513	882
Belleville.....	2,327,559	201,147,160	936,749	84,137,212	10,177	696
Woodstock.....	2,184,764	189,452,129	806,433	62,590,074	7,499	700
Vaughan Twp.....	2,246,236	181,706,433	797,113	57,377,783	4,965	968
Gloucester Twp.....	2,377,999	180,194,811	1,181,206	83,096,770	7,604	\$951
Stratford.....	2,370,031	175,460,989	891,785	60,580,849	6,967	727
St. Thomas.....	1,961,316	152,586,274	838,121	55,976,163	7,928	594
Whitby.....	1,826,960	151,952,789	872,395	68,351,543	6,241	911
Brockville.....	1,708,343	144,168,202	739,518	55,650,282	6,218	749

See footnotes on page 164.

CONSUMPTION

ber 31, 1970

rical Utilities

al consumption)

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh
	kwh		kwh	¢	\$	kwh		kw	kwh	¢
35,574	867,897,864	23,685	3,027	1.44	29,977,045	3,053,010,580	7,414	634,414	34,360	0.98
07,442	455,516,904	9,190	4,146	1.30	22,625,488	2,912,239,991	794	499,493	294,701	0.78
85,050	1,605,268,638	11,587	\$12,279	1.11	*	*	*	*	*	*
52,195	1,258,445,700	11,910	8,854	1.20	587,948	52,629,438	133	14,208	31,216	1.12
92,166	367,805,917	4,062	7,735	1.30	8,583,245	866,127,499	1,537	197,676	48,409	0.99
89,049	433,644,974	4,564	8,130	1.29	5,048,167	488,881,352	892	118,814	47,677	1.03
41,815	860,424,180	6,775	10,779	1.03	*	*	*	*	*	*
51,093	228,584,710	1,815	11,305	1.33	5,562,458	577,618,850	489	115,712	102,197	0.96
89,256	740,645,068	5,890	10,561	1.13	*	*	*	*	*	*
04,581	593,449,407	3,059	15,938	1.01	*	*	*	*	*	*
461,825	178,461,618	3,052	4,947	1.38	3,395,430	326,082,031	227	74,209	119,971	1.04
976,365	532,025,290	2,156	20,717	0.94	*	*	*	*	*	*
396,125	409,659,008	2,515	13,663	1.07	*	*	*	*	*	*
333,185	378,222,733	3,562	\$8,891	1.01	*	*	*	*	*	*
110,174	373,994,236	4,124	7,524	1.10	*	*	*	*	*	*
044,643	174,302,616	2,141	\$7,104	1.17	1,321,133	135,675,680	339	32,208	49,481	0.97
013,216	68,742,457	1,233	4,742	1.47	2,321,407	242,508,094	132	51,966	152,521	0.96
529,342	112,719,178	1,407	6,834	1.36	1,350,417	115,489,316	205	30,650	47,062	1.17
601,338	255,873,045	1,999	10,813	1.02	*	*	*	*	*	*
657,876	129,280,452	2,411	4,461	1.28	339,096	27,962,390	316	9,075	7,445	1.21
567,496	250,799,573	2,219	9,478	1.02	*	*	*	*	*	*
074,989	71,983,256	1,631	3,770	1.49	1,466,382	183,632,820	154	35,553	98,410	0.80
582,294	138,833,953	2,830	4,108	1.14	707,613	81,648,402	154	18,223	42,793	0.87
426,475	101,920,014	1,308	\$7,264	1.40	840,589	76,841,026	73	15,446	89,558	1.09
797,695	131,577,061	2,153	5,167	1.37	659,328	58,893,888	96	14,416	51,123	1.12
150,301	189,342,436	991	15,282	1.14	*	*	*	*	*	*
624,249	141,719,269	1,982	6,032	1.15	*	*	*	*	*	*
527,988	37,223,399	1,133	2,814	1.42	1,194,970	122,888,140	150	29,435	68,500	0.97
078,221	76,106,315	972	6,397	1.42	1,012,185	79,048,966	145	35,038	44,360	1.28
901,625	165,935,619	1,252	11,089	1.15	*	*	*	*	*	*
777,244	50,803,850	1,274	3,339	1.53	1,228,927	108,928,581	293	27,608	31,194	1.13
155,344	113,083,234	1,157	8,766	1.02	*	*	*	*	*	*
279,793	113,369,476	1,717	5,585	1.13	*	*	*	*	*	*
312,210	124,112,775	987	10,559	1.06	*	*	*	*	*	*
431,032	123,048,650	1,116	9,442	1.16	*	*	*	*	*	*
859,235	72,419,125	652	\$11,238	1.19	313,399	23,433,829	54	6,940	36,163	1.34
371,733	111,855,320	935	10,023	1.23	*	*	*	*	*	*
081,658	95,396,059	968	8,333	1.13	*	*	*	*	*	*
898,449	81,797,677	730	9,514	1.10	*	*	*	*	*	*
914,409	86,844,680	865	8,415	1.05	*	*	*	*	*	*

CUSTOMERS, REVENUE

for the Year 1970

Municipality	Population	Total Customers	Peak Load December 1970	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
				Revenue	Consumption	Customers	Monthly Consumption per Customer
			kw	\$	kwh		kwh
Acton.....	4,835	1,578	7,014	137,496	11,999,346	1,378	\$702
Ailsa Craig.....	586	240	604	15,575	1,374,140	210	\$540
Ajax.....	11,929	3,528	15,290	323,891	23,193,126	3,177	\$621
Alexandria.....	3,057	1,232	5,430	127,846	9,922,850	1,047	820
Alfred.....	1,073	368	1,540	41,126	3,664,000	308	\$919
Alliston.....	3,280	1,214	5,095	107,402	9,098,670	1,026	739
Almonte.....	3,682	1,275	4,769	116,334	9,663,255	1,117	734
Alvinston.....	680	348	508	17,975	998,980	283	297
Amherstburg.....	4,846	1,653	7,522	148,637	12,349,210	1,407	735
Ancaster Twp.....	15,342	1,177	3,937	151,495	12,357,945	1,119	920
Apple Hill.....	⊕325	121	291	8,873	767,735	101	633
Arkona.....	454	204	440	15,191	1,319,300	172	643
Arnprior.....	5,807	2,053	9,366	192,474	16,154,049	1,755	771
Arthur.....	1,328	566	2,338	42,977	3,680,950	441	704
Athens.....	1,036	414	1,225	33,218	2,811,724	355	669
Atikokan Twp.....	6,133	1,841	4,829	206,782	15,086,614	1,677	751
Aurora.....	⊕11,391	3,414	14,130	335,459	27,865,673	3,025	791
Avonmore.....	⊕230	123	284	9,186	660,002	100	585
Aylmer.....	4,543	1,772	7,574	160,302	14,412,740	1,515	807
Ayr.....	1,233	445	1,732	44,272	3,636,943	373	824
Baden.....	⊕975	304	1,392	26,678	2,225,634	263	699
†Bala.....	⊕x450	874	885	62,306	3,002,500	797	315
Bancroft.....	2,244	826	3,139	90,237	7,397,468	659	938
Barrie.....	26,684	9,670	42,649	1,034,604	89,028,035	8,513	882
Barry's Bay.....	1,471	483	1,473	35,156	2,805,126	402	585
Bath.....	797	288	804	26,280	2,174,234	256	719
Beachburg.....	543	228	576	20,906	1,700,952	211	680
Beachville.....	991	345	3,341	26,945	2,536,696	300	\$662
Beamsville.....	⊕4,100	1,443	3,843	114,563	9,016,301	1,312	577
†Beardmore.....	796	314	627	27,968	1,901,800	237	670
Beaverton.....	1,292	671	2,424	56,049	5,070,010	560	761
Beeton.....	1,065	373	1,063	30,140	2,694,739	311	735
Belle River.....	2,756	986	2,386	96,109	6,607,670	906	616
Belleville.....	33,638	11,894	44,763	936,749	84,137,212	10,177	696
Belmont.....	792	258	1,260	28,970	2,442,073	242	843
Blenheim.....	3,417	1,316	3,209	81,741	6,915,344	1,169	493
†Blind River.....	3,350	1,140	3,424	116,542	8,606,700	944	760
Bloomfield.....	711	308	894	22,778	2,214,961	283	663
Blyth.....	809	356	1,194	32,163	2,636,260	316	699
Bobcaygeon.....	1,323	852	2,425	87,587	6,276,138	714	733

See footnotes on page 164.

CONSUMPTION

ber 31, 1970

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
242,466	20,349,462	200	\$11,362	1.19	*	*	*	*	*	*
14,979	958,190	30	\$2,904	1.56	*	*	*	*	*	*
208,229	17,438,402	264	\$8,257	1.19	368,019	33,055,698	87	9,672	32,218	1.11
166,354	13,555,805	185	6,057	1.23	*	*	*	*	*	*
29,136	2,139,590	60	\$4,976	1.36	*	*	*	*	*	*
167,373	15,460,692	188	6,871	1.08	*	*	*	*	*	*
104,692	9,902,528	158	5,239	1.06	*	*	*	*	*	*
12,728	722,975	65	913	1.76	*	*	*	*	*	*
274,264	26,884,076	246	9,239	1.02	*	*	*	*	*	*
41,157	2,626,592	50	4,513	1.57	5,669	425,776	8	154	4,435	1.33
2,468	196,350	20	839	1.26	*	*	*	*	*	*
5,706	465,250	32	1,157	1.23	*	*	*	*	*	*
322,926	31,738,252	298	9,027	1.02	*	*	*	*	*	*
67,210	5,683,916	125	3,759	1.18	*	*	*	*	*	*
19,019	1,343,755	59	1,965	1.42	*	*	*	*	*	*
106,575	6,169,189	154	3,427	1.73	6,539	518,305	10	167	4,319	1.26
376,944	31,853,444	389	6,940	1.18	*	*	*	*	*	*
4,228	268,000	23	1,039	1.58	*	*	*	*	*	*
208,704	16,393,310	257	5,214	1.27	*	*	*	*	*	*
15,338	981,307	56	1,410	1.56	43,280	3,089,778	16	1,142	17,165	1.40
43,195	3,431,883	41	7,150	1.26	*	*	*	*	*	*
16,205	709,500	71	833	2.28	1,457	118,900	6	39	1,651	1.23
60,537	4,315,552	167	2,160	1.40	*	*	*	*	*	*
1,155,344	113,083,234	1,157	8,766	1.02	*	*	*	*	*	*
30,719	2,221,193	78	2,404	1.38	1,615	116,520	3	51	3,237	1.39
9,099	681,328	32	1,832	1.34	*	*	*	*	*	*
4,078	283,001	14	1,685	1.44	9,080	721,000	3	240	20,028	1.26
111,420	15,699,654	45	\$60,152	0.71	*	*	*	*	*	*
73,715	5,548,285	114	4,074	1.33	16,240	914,475	17	492	4,917	1.78
18,483	978,700	76	1,059	1.89	72	200	1	6	11	3.60
53,230	4,657,252	111	3,404	1.14	*	*	*	*	*	*
20,962	1,535,080	62	2,114	1.37	*	*	*	*	*	*
44,326	3,342,350	80	3,548	1.33	*	*	*	*	*	*
1,279,793	113,369,476	1,717	5,585	1.13	*	*	*	*	*	*
4,447	291,102	11	2,205	1.53	40,323	3,710,860	5	916	61,848	1.09
61,750	4,050,417	115	2,910	1.52	44,748	3,049,755	32	1,195	8,068	1.47
86,492	5,190,100	189	2,270	1.67	2,597	181,500	7	73	2,327	1.43
8,647	607,960	19	2,815	1.42	4,694	297,122	6	190	4,127	1.58
12,504	697,109	32	1,815	1.79	21,403	1,568,510	8	471	15,378	1.36
47,110	2,857,982	138	1,726	1.65	*	*	*	*	*	*

CUSTOMERS, REVENUE

for the Year 1970

Municipality	Population	Total Customers	Peak Load December 1970	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
				Revenue	Consumption	Customers	Monthly Consumption per Customer
			kw	\$	kwh		kwh
Bolton.....	2,649	931	3,359	100,434	6,725,852	782	787
Bothwell.....	839	359	802	24,888	1,892,690	284	556
Bowmanville.....	8,687	2,921	13,474	306,878	26,055,847	2,590	849
Bracebridge.....	⊕3,400	1,443	5,090	134,003	10,976,014	1,173	794
Bradford.....	3,185	1,083	3,753	95,448	8,107,400	870	791
Braeside.....	488	166	2,196	13,897	999,203	146	578
Brampton.....	38,178	12,215	47,617	1,194,527	78,038,950	11,098	633
Brantford.....	59,974	20,833	75,001	1,681,880	126,391,760	18,614	569
Brantford Twp.....	9,138	2,956	16,155	399,314	29,697,609	2,646	942
Brechin.....	⊕260	105	368	5,608	556,490	78	595
Bridgeport.....	2,297	668	1,922	86,018	6,273,209	616	873
Brigden.....	⊕550	221	430	12,139	1,103,710	198	466
Brighton.....	2,980	1,194	3,467	101,857	8,707,637	1,011	725
Brockville.....	19,426	7,083	30,184	739,518	55,650,282	6,218	749
Brussels.....	857	414	1,156	35,094	2,874,960	325	\$678
Burford.....	⊕1,150	471	1,306	47,618	3,515,268	377	780
Burgessville.....	⊕300	110	376	9,957	960,502	95	847
Burk's Falls.....	832	388	1,584	36,949	3,033,935	311	828
Burlington.....	82,620	21,381	95,714	2,764,828	196,553,250	19,769	834
Cache Bay.....	727	200	546	16,808	1,551,930	196	670
Caledonia.....	3,082	1,045	2,253	82,282	5,061,977	903	476
Campbellford.....	3,534	1,438	4,930	98,394	10,794,035	1,180	767
Campbellville.....	⊕260	98	296	9,937	859,400	92	805
Cannington.....	1,068	491	1,482	44,106	4,055,760	418	810
Capreol.....	3,271	1,148	3,636	132,606	9,870,151	1,039	811
Cardinal.....	1,841	680	1,440	51,225	3,956,767	603	543
Carleton Place.....	4,981	1,913	7,519	182,576	13,430,130	1,713	661
Casselman.....	1,306	441	1,839	40,583	3,338,460	363	786
Cauyga.....	1,053	429	1,119	35,103	2,320,280	342	565
Chalk River.....	1,090	287	876	30,287	2,472,350	265	779
Chapleau Twp.....	3,529	1,066	3,272	122,207	6,955,937	909	643
Chatham.....	33,291	11,088	41,931	867,466	56,363,214	9,521	491
Chatsworth.....	399	194	508	14,537	1,357,640	178	636
Chesley.....	1,699	804	1,989	60,816	5,346,938	664	671
Chesterville.....	1,285	498	2,331	37,754	3,501,023	414	708
Chippawa.....	⊕4,300	1,413	2,574	124,314	8,036,525	1,305	520
Clifford.....	540	253	592	23,219	2,007,244	208	745
Clinton.....	2,975	1,319	3,709	121,568	9,100,493	1,102	\$655
†Cobalt.....	2,209	789	2,040	75,130	5,335,000	676	665
Cobden.....	872	397	1,355	25,269	2,876,937	364	655

See footnotes on page 164.

CONSUMPTION

nber 31, 1970

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
100,323	6,808,192	149	4,172	1.47	*	*	*	*	*	*
21,406	1,288,670	75	1,441	1.66	*	*	*	*	*	*
355,546	34,780,411	331	8,904	1.02	*	*	*	*	*	*
119,324	10,495,821	270	3,258	1.14	*	*	*	*	*	*
97,697	7,495,824	213	2,953	1.30	*	*	*	*	*	*
89,176	9,129,088	20	36,227	0.98	*	*	*	*	*	*
1,078,221	76,106,315	972	6,397	1.42	1,012,185	79,048,966	145	35,038	44,360	1.28
2,567,496	250,799,573	2,219	9,478	1.02	*	*	*	*	*	*
125,754	9,015,257	240	3,224	1.39	445,073	33,715,358	70	12,051	40,426	1.32
6,064	521,650	27	1,640	1.16	*	*	*	*	*	*
31,524	1,906,923	45	3,493	1.65	8,046	325,260	7	227	3,872	2.47
4,767	364,078	17	1,839	1.31	5,612	195,600	6	251	2,717	2.87
70,164	4,909,380	183	2,242	1.43	*	*	*	*	*	*
914,409	86,844,680	865	8,415	1.05	*	*	*	*	*	*
21,217	1,253,690	89	§1,944	1.69	*	*	*	*	*	*
35,350	2,248,252	94	2,015	1.57	*	*	*	*	*	*
3,970	226,513	12	1,398	1.75	4,620	118,000	3	172	4,917	3.92
39,692	2,825,890	77	3,182	1.40	*	*	*	*	*	*
1,529,342	112,719,178	1,407	6,834	1.36	1,350,417	115,489,316	205	30,650	47,062	1.17
2,219	148,770	4	3,542	1.49						
55,464	3,742,091	142	2,181	1.48	*	*	*	*	*	*
105,228	9,830,044	258	3,270	1.07	*	*	*	*	*	*
1,873	134,971	6	1,730	1.39						
16,474	1,389,820	73	1,631	1.19	*	*	*	*	*	*
45,107	2,739,608	99	2,354	1.65	21,591	1,964,612	10	389	16,372	1.10
16,867	1,225,048	77	1,343	1.38	*	*	*	*	*	*
148,694	12,131,615	200	5,145	1.23	*	*	*	*	*	*
36,469	2,712,120	78	2,707	1.34	*	*	*	*	*	*
33,429	1,950,605	87	1,912	1.71	*	*	*	*	*	*
9,779	724,140	22	2,624	1.35	*	*	*	*	*	*
89,992	5,474,945	157	2,925	1.64	*	*	*	*	*	*
777,244	50,803,850	1,274	3,339	1.53	1,228,927	108,928,581	293	27,608	31,194	1.13
5,014	323,970	15	1,800	1.55	306	5,700	1	19	475	5.37
23,736	1,464,745	111	1,105	1.62	17,864	1,146,083	29	505	3,351	1.56
66,159	6,284,398	84	6,125	1.05	*	*	*	*	*	*
41,142	2,981,230	108	2,366	1.38	*	*	*	*	*	*
8,286	557,901	45	1,675	1.49	*	*	*	*	*	*
98,005	6,228,095	217	§3,100	1.57	*	*	*	*	*	*
31,495	1,732,300	106	1,349	1.82	19,401	1,739,700	7	463	20,711	1.12
12,913	993,362	28	3,066	1.30	4,563	209,640	5	297	3,494	2.18

CUSTOMERS, REVENUE

for the Year 1970

Municipality	Population	Total Customers	Peak Load December 1970	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
				Revenue	Consumption	Customers	Monthly Consumption per Customer
			kw	\$	kwh		kwh
Cobourg.....	10,881	3,658	19,376	340,452	30,307,365	3,162	804
Cochrane.....	4,845	1,511	5,865	150,846	10,146,651	1,267	674
Colborne.....	1,560	654	2,308	64,555	5,388,316	558	811
Coldwater.....	761	352	1,365	34,823	3,096,990	297	884
Collingwood.....	9,262	3,674	16,663	315,028	25,506,914	3,125	670
Comber.....	⊕640	244	560	18,363	1,303,800	217	500
Coniston.....	2,933	765	2,439	82,046	6,884,930	699	837
Cookstown.....	799	309	1,007	33,965	3,048,003	274	939
Cottam.....	⊕650	264	468	18,091	1,331,460	216	517
Courtright.....	626	233	417	16,920	1,066,630	212	\$411
Creemore.....	958	397	1,120	34,478	3,000,780	328	764
Dashwood.....	⊕400	192	472	17,368	1,283,592	159	\$634
Deep River.....	5,574	1,546	8,013	203,909	19,226,747	1,408	1,142
Delaware.....	⊕450	158	454	16,482	1,365,731	149	769
Delhi.....	3,694	1,666	4,765	102,836	8,392,029	1,373	511
Deseronto.....	1,830	643	1,961	48,581	4,306,527	569	\$612
Dorchester.....	⊕1,150	388	864	28,528	2,314,685	325	\$565
Drayton.....	735	311	837	25,831	1,851,780	242	627
Dresden.....	2,375	991	3,220	64,888	5,001,870	805	\$484
Drumbo.....	⊕460	185	460	15,261	1,450,627	178	689
Dryden.....	6,737	2,260	7,422	234,860	17,129,726	1,969	732
Dublin.....	⊕300	126	416	10,333	843,326	93	\$656
Dundalk.....	1,053	550	1,527	42,568	3,735,250	484	\$642
Dundas.....	16,577	5,258	17,962	538,825	39,927,664	4,882	680
Dunnville.....	5,343	2,106	6,045	115,369	8,412,664	1,769	396
Durham.....	2,470	983	2,933	79,225	6,698,180	824	\$648
Dutton.....	838	378	653	21,689	1,322,100	303	364
East York.....	100,878	35,022	104,608	2,414,075	199,151,765	32,542	\$508
Eganville.....	1,354	513	1,583	34,555	3,103,800	436	596
Elmira.....	4,610	1,564	8,446	145,934	12,554,602	1,326	\$784
Elmvale.....	1,082	487	1,576	32,625	2,939,150	383	650
Elmwood.....	⊕500	161	347	9,253	888,480	152	495
Elora.....	1,839	667	2,130	71,768	5,225,085	589	750
Embro.....	692	277	806	28,501	2,370,050	216	892
Embrun.....	⊕1,400	414	2,318	61,913	4,438,490	345	1,094
†Englehart.....	1,737	662	1,440	51,365	3,376,900	550	513
Erieau.....	x510	397	624	26,438	2,193,970	362	511
Erie Beach.....	x220	153	154	9,092	528,250	151	297
Erin.....	1,365	525	1,401	53,925	4,905,798	479	866
Espanola.....	5,607	1,706	6,047	210,282	16,612,408	1,512	942

See footnotes on page 164.

CONSUMPTION

number 31, 1970

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Ave- rage Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Ave- rage Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
288,220	23,648,952	468	4,136	1.22	361,774	44,259,676	28	9,214	147,532	0.82
104,168	6,502,718	233	2,316	1.60	60,190	5,339,760	11	1,092	40,453	1.13
51,485	3,804,326	96	2,935	1.35	*	*	*	*	*	*
26,447	1,861,006	55	2,899	1.42	*	*	*	*	*	*
208,087	15,000,016	499	2,604	1.39	501,600	49,936,088	50	11,611	80,026	1.00
11,815	725,587	27	2,371	1.63	*	*	*	*	*	*
13,343	890,410	57	1,313	1.50	11,199	636,950	9	297	6,635	1.76
9,638	597,007	35	1,442	1.61	*	*	*	*	*	*
8,856	522,890	48	917	1.69	*	*	*	*	*	*
8,701	551,350	21	\$2,601	1.58	*	*	*	*	*	*
17,522	1,162,020	69	1,435	1.51	*	*	*	*	*	*
10,848	571,990	33	\$1,966	1.90	*	*	*	*	*	*
125,472	9,559,935	133	6,058	1.31	17,273	1,139,720	5	529	18,995	1.52
5,023	304,560	9	2,820	1.65	*	*	*	*	*	*
139,197	10,537,988	293	2,962	1.32	*	*	*	*	*	*
46,912	3,399,115	74	\$6,225	1.38	*	*	*	*	*	*
15,735	948,080	63	\$1,736	1.66	*	*	*	*	*	*
16,998	1,142,583	69	1,561	1.49	*	*	*	*	*	*
42,041	2,609,710	163	\$2,078	1.61	102,622	7,790,620	23	2,514	28,227	1.32
2,617	162,168	6	2,457	1.61	229	12,290	1	6	1,024	1.86
163,132	12,765,804	291	3,707	1.28	*	*	*	*	*	*
7,062	475,600	31	\$2,142	1.48	7,635	316,500	2	198	13,188	2.41
35,010	2,369,450	66	\$3,101	1.48	*	*	*	*	*	*
240,319	16,530,161	267	5,150	1.45	244,230	20,668,110	109	6,352	15,729	1.18
229,260	18,560,053	337	4,652	1.24	*	*	*	*	*	*
75,962	5,262,770	159	\$3,792	1.44	*	*	*	*	*	*
16,358	1,032,344	69	1,212	1.58	3,986	113,261	6	154	1,452	3.52
2,044,643	174,302,616	2,141	\$7,104	1.17	1,321,133	135,675,680	339	32,208	49,481	0.97
25,377	1,576,261	69	1,799	1.61	14,319	1,041,366	8	397	10,848	1.38
72,539	4,871,546	193	\$2,289	1.49	212,303	20,281,166	45	4,940	37,980	1.05
43,109	3,073,886	104	2,463	1.40	*	*	*	*	*	*
2,071	142,086	8	1,480	1.46	2,116	106,000	1	68	8,833	2.00
42,301	2,892,879	78	3,214	1.46	*	*	*	*	*	*
11,735	693,695	61	1,014	1.69	*	*	*	*	*	*
39,429	2,655,450	69	3,278	1.48	*	*	*	*	*	*
34,083	1,927,700	107	1,508	1.77	8,361	748,600	5	189	11,342	1.12
8,231	541,330	32	1,455	1.52	8,098	345,275	3	215	8,221	2.35
292	15,840	2	528	1.84	*	*	*	*	*	*
18,434	1,344,564	37	3,156	1.37	25,319	1,304,711	9	1,421	12,081	1.94
84,520	5,946,663	188	2,548	1.42	5,747	367,770	6	148	5,108	1.56

CUSTOMERS, REVENUE

for the Year 1970

Municipality	Population	Total Customers	Peak Load December 1970	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
				Revenue	Consumption	Customers	Monthly Consumption per Customer
			kw	\$	kwh		kwh
Essex.....	3,821	1,349	3,797	112,953	8,766,576	1,118	660
Etobicoke.....	275,877	86,590	359,083	8,582,674	692,898,062	80,991	715
Exeter.....	3,278	1,421	4,116	146,034	11,808,782	1,186	\$809
Penelon Falls.....	1,443	892	2,896	82,842	6,164,650	764	680
Fergus.....	5,319	1,873	10,127	183,113	14,085,483	1,626	735
Finch.....	404	181	456	11,752	992,481	140	591
Flesherton.....	506	266	1,053	18,347	1,755,210	199	744
Fonthill.....	⊕3,000	922	2,367	86,586	6,609,493	835	665
Forest.....	2,270	974	2,801	86,327	7,535,389	797	\$745
Frankford.....	1,926	685	2,022	65,542	5,471,797	592	772
Galt.....	37,380	11,240	49,835	1,094,397	85,244,172	9,957	726
Georgetown.....	15,943	5,089	17,713	514,979	36,366,696	4,659	664
†Geraldton.....	3,097	1,161	2,556	92,886	5,960,300	960	517
Glencoe.....	1,355	706	1,385	36,730	2,672,120	576	414
Gloucester Twp.....	31,992	8,310	40,498	1,181,206	83,096,770	7,604	\$951
Goderich.....	6,583	2,755	10,201	225,508	18,048,610	2,388	634
Grand Bend.....	x711	874	1,002	55,883	3,157,160	754	349
Grand Valley.....	908	383	1,103	32,349	2,807,880	317	721
Granton.....	⊕350	126	310	11,856	871,940	111	664
Gravenhurst.....	⊕3,300	1,544	4,663	118,864	9,761,215	1,298	630
Grimsby.....	6,800	2,459	6,702	171,588	13,849,861	2,236	532
Guelph.....	57,202	16,792	87,717	2,010,014	151,300,042	15,427	830
Hagersville.....	2,281	900	3,014	66,379	4,553,390	717	534
†Haileybury.....	⊕3,300	1,097	3,414	105,827	7,722,100	917	710
Hamilton.....	296,857	97,850	618,220	7,578,664	570,194,178	87,866	548
Hanover.....	4,943	1,967	8,626	165,171	14,111,567	1,691	702
Harriston.....	1,757	759	2,339	65,878	5,046,028	616	689
Harrow.....	1,881	764	2,481	82,808	6,448,059	613	876
Hastings.....	873	448	1,009	32,470	2,376,550	373	532
Havelock.....	1,185	490	1,196	34,585	3,123,418	418	626
Hawkesbury.....	8,753	2,793	11,194	255,659	21,510,195	2,542	737
Hearst.....	3,379	996	7,081	121,233	9,759,498	826	\$976
Hensall.....	908	399	1,670	33,347	2,671,850	311	\$694
Hespeler.....	6,101	1,946	10,720	177,602	12,331,447	1,747	598
Highgate.....	410	178	467	10,274	795,330	157	421
Holstein.....	⊕170	99	216	6,101	565,360	80	593
Huntsville.....	⊕3,500	1,394	5,433	120,258	9,865,740	1,142	726
Ingersoll.....	7,388	2,657	8,617	219,007	14,240,740	2,332	516
Iroquois.....	1,201	462	1,702	41,447	3,813,632	386	837
Jarvis.....	932	344	687	23,317	1,593,830	278	486

See footnotes on page 164.

CONSUMPTION

December 31, 1970

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
110,627	8,222,722	231	2,986	1.35	*	*	*	*	*	*
792,166	367,805,917	4,062	7,735	1.30	8,583,245	866,127,499	1,537	197,676	48,409	0.99
48,131	2,878,751	189	\$1,594	1.67	67,939	4,207,735	46	1,779	7,541	1.61
56,893	3,989,945	128	2,558	1.43	*	*	*	*	*	*
64,094	3,990,321	208	1,610	1.61	332,620	29,325,546	39	8,044	58,887	1.13
8,812	563,800	41	1,132	1.56	*	*	*	*	*	*
27,432	2,026,520	67	2,502	1.35	*	*	*	*	*	*
35,786	2,410,989	87	2,309	1.48	*	*	*	*	*	*
69,579	4,797,132	177	\$3,272	1.45	*	*	*	*	*	*
22,451	1,604,350	93	1,378	1.40	*	*	*	*	*	*
527,988	37,223,399	1,133	2,814	1.42	1,194,970	122,888,140	150	29,435	68,500	0.97
559,258	47,456,738	430	9,507	1.18	*	*	*	*	*	*
75,058	4,690,000	187	2,107	1.60	2,723	139,900	14	79	833	1.95
31,176	1,805,600	111	1,387	1.73	23,273	1,178,170	19	666	5,307	1.98
859,235	72,419,125	652	\$11,238	1.19	313,399	23,433,829	54	6,940	36,163	1.34
92,223	6,346,631	292	1,784	1.45	285,307	25,614,304	75	6,825	29,240	1.11
38,324	2,224,030	120	1,564	1.72	4,175	243,320	6	145	3,379	1.72
15,607	956,930	60	1,556	1.63	*	*	*	*	*	*
2,943	139,680	15	665	2.11	*	*	*	*	*	*
103,026	8,170,104	246	2,867	1.26	*	*	*	*	*	*
117,551	8,465,462	196	3,636	1.39	37,374	2,340,005	27	1,150	7,222	1.60
1,013,216	68,742,457	1,233	4,742	1.47	2,321,407	242,508,094	132	51,966	152,521	0.96
110,601	7,470,141	183	3,329	1.48	*	*	*	*	*	*
74,501	4,305,800	169	2,142	1.73	11,300	981,200	11	258	7,787	1.15
5,907,442	455,516,904	9,190	4,146	1.30	22,625,488	2,912,239,991	794	499,493	294,701	0.78
92,155	6,850,149	240	2,404	1.35	143,836	12,602,800	36	4,140	27,638	1.14
69,668	5,590,933	143	3,364	1.25	*	*	*	*	*	*
66,760	4,605,799	151	2,500	1.45	*	*	*	*	*	*
24,583	1,759,190	75	1,995	1.40	*	*	*	*	*	*
18,984	1,395,062	72	1,661	1.36	*	*	*	*	*	*
360,182	31,392,384	251	10,570	1.15	*	*	*	*	*	*
68,114	4,594,163	153	\$2,735	1.48	106,445	8,288,411	17	2,515	40,629	1.28
16,459	979,530	68	\$1,458	1.68	43,660	2,865,250	20	1,110	12,907	1.52
406,243	36,795,436	199	14,706	1.10	*	*	*	*	*	*
4,009	282,620	18	1,346	1.42	13,162	584,180	3	257	16,227	2.25
1,175	66,830	17	328	1.76	773	37,400	2	17	1,558	2.07
137,757	11,769,246	252	3,971	1.17	*	*	*	*	*	*
279,389	25,020,120	325	6,366	1.12	*	*	*	*	*	*
34,706	2,588,600	76	2,896	1.34	*	*	*	*	*	*
18,411	1,111,061	66	1,424	1.66	*	*	*	*	*	*

CUSTOMERS, REVENUE

for the Year

Municipality	Popula- tion	Total Customers	Peak Load Decem- ber 1970	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer
			kw	\$	kwh		kwh
Kapuskasing.....	12,512	2,366	7,755	220,962	17,991,641	2,069	727
Kemptville.....	2,307	984	4,233	105,305	8,350,049	792	857
Kenora.....	12,960	4,663	13,522	364,139	32,134,820	3,784	\$657
Killaloe Station.....	782	305	803	20,064	1,599,215	258	517
Kincardine.....	2,866	1,528	4,184	127,911	11,175,250	1,274	\$729
King City.....	⊕1,950	550	2,057	68,183	5,833,205	524	925
Kingston.....	56,530	19,521	78,868	1,645,736	141,999,141	16,537	717
Kingsville.....	3,872	1,598	4,860	130,534	10,025,820	1,357	623
Kirkfield.....	⊕200	118	237	8,849	648,000	95	590
Kitchener.....	107,198	33,045	147,632	2,923,615	237,291,851	29,766	673
Lakefield.....	2,167	853	2,883	77,775	7,253,845	769	787
Lambeth.....	⊕2,700	825	2,177	87,547	6,696,264	794	703
Lanark.....	936	306	850	22,794	1,980,590	261	634
Lancaster.....	569	224	722	17,632	1,590,080	179	740
Larder Lake Twp.....	1,480	492	1,176	44,836	3,849,140	440	734
Latchford.....	538	169	503	15,539	1,176,502	154	645
Leamington.....	9,711	3,725	12,053	282,036	19,952,095	3,137	536
Lindsay.....	11,716	4,563	20,189	407,557	34,267,720	3,894	738
Listowel.....	4,512	1,822	6,856	153,095	13,934,790	1,556	\$724
London.....	212,986	67,079	234,449	6,853,394	416,886,926	61,189	573
L'Orignal.....	1,368	439	1,340	39,558	3,356,739	407	688
Lucan.....	1,123	414	1,301	45,420	3,557,070	355	\$811
Lucknow.....	1,038	497	1,405	32,320	3,169,090	398	672
Lynden.....	⊕580	185	577	18,071	1,639,674	164	802
Madoc.....	1,353	625	2,197	44,533	4,446,446	482	\$721
Magnetawan.....	197	118	231	7,011	495,030	83	482
Markdale.....	1,094	548	1,808	40,001	3,742,560	447	718
Markham.....	⊕10,068	2,921	12,948	410,722	30,623,230	2,638	\$965
Marmora.....	1,427	545	1,595	47,849	3,757,578	460	661
Martintown.....	⊕380	122	276	7,564	665,990	100	\$529
Massey.....	1,229	402	1,344	43,543	3,483,830	341	851
†Mattawa.....	2,930	764	2,604	101,562	6,858,700	658	858
Maxville.....	677	334	1,161	24,453	2,253,669	262	722
McGarry Twp.....	1,788	396	1,019	37,119	3,243,701	352	747
Meaford.....	4,066	1,749	6,086	149,731	11,263,787	1,500	631
Merlin.....	⊕650	292	684	17,259	1,582,540	224	590
Merrickville.....	841	382	1,032	28,598	2,240,242	317	594
Midland.....	11,007	3,830	16,851	320,110	27,418,616	3,357	685
Mildmay.....	990	377	863	33,831	2,953,448	343	722
Millbrook.....	906	362	860	34,023	2,681,246	315	690

See footnotes on page 164.

CONSUMPTION

mber 31, 1970

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
168,977	11,381,796	271	3,487	1.48	10,024	738,558	26	298	2,367	1.36
119,978	8,609,094	192	3,965	1.39	*	*	*	*	*	*
344,485	21,365,872	781	\$3,775	1.61	64,042	3,989,042	98	1,519	3,341	1.61
11,783	930,925	47	1,668	1.27	*	*	*	*	*	*
58,391	3,758,450	225	\$1,519	1.55	35,707	2,268,042	29	916	6,632	1.57
27,897	2,230,065	23	7,908	1.25	2,578	176,773	3	73	4,209	1.46
1,582,294	138,833,953	2,830	4,108	1.14	707,613	81,648,402	154	18,223	42,793	0.87
114,358	8,439,551	241	2,943	1.36	*	*	*	*	*	*
2,124	137,090	23	508	1.55	*	*	*	*	*	*
2,461,825	178,461,618	3,052	4,947	1.38	3,395,430	326,082,031	227	74,209	119,971	1.04
60,102	4,167,765	73	4,570	1.44	13,384	930,323	11	405	7,048	1.44
23,863	1,678,938	29	4,909	1.42	2,933	222,028	2	64	9,251	1.32
19,647	1,275,975	45	2,473	1.54	*	*	*	*	*	*
10,906	868,190	45	1,573	1.26	*	*	*	*	*	*
12,364	781,680	48	1,343	1.58	1,582	156,340	4	30	3,257	1.01
8,396	627,710	15	3,375	1.34	*	*	*	*	*	*
442,190	39,641,919	588	5,524	1.12	*	*	*	*	*	*
624,096	63,127,775	669	7,893	0.99	*	*	*	*	*	*
108,962	8,108,014	240	\$3,592	1.34	71,173	6,072,092	26	1,992	19,095	1.17
8,389,256	740,645,068	5,890	10,561	1.13	*	*	*	*	*	*
22,492	1,635,513	30	4,620	1.38	734	14,662	2	47	611	5.01
23,754	1,430,210	59	\$2,683	1.66	*	*	*	*	*	*
16,101	1,090,070	88	1,032	1.48	20,891	1,017,640	11	524	8,077	2.05
9,653	778,550	21	4,836	1.24	*	*	*	*	*	*
44,861	3,596,057	143	\$2,688	1.25	*	*	*	*	*	*
4,411	312,547	35	789	1.41	*	*	*	*	*	*
36,783	2,910,600	101	2,390	1.26	*	*	*	*	*	*
306,614	23,482,233	283	\$7,288	1.31	*	*	*	*	*	*
26,210	1,800,550	85	2,291	1.46	*	*	*	*	*	*
4,017	246,360	22	\$1,151	1.63	*	*	*	*	*	*
16,178	1,301,398	61	1,793	1.24	*	*	*	*	*	*
76,877	5,392,100	106	4,122	1.43	*	*	*	*	*	*
27,964	1,989,448	72	2,319	1.41	*	*	*	*	*	*
11,547	698,987	41	1,456	1.65	2,118	218,120	3	57	7,271	0.97
77,632	5,297,827	215	2,034	1.47	109,690	8,489,371	34	2,393	20,506	1.29
11,659	747,353	62	1,013	1.56	10,238	423,380	6	274	5,880	2.42
20,446	1,543,335	65	2,091	1.32	*	*	*	*	*	*
557,000	50,100,180	473	9,116	1.11	*	*	*	*	*	*
8,204	481,370	27	1,459	1.70	4,262	235,530	7	151	2,804	1.81
9,391	563,302	47	1,657	1.67	*	*	*	*	*	*

CUSTOMERS, REVENUE

for the Year 1970

Municipality	Population	Total Customers	Peak Load December 1970	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
				Revenue	Consumption	Customers	Monthly Consumption per Customer
			kw	\$	kwh		kwh
Milton.....	5,832	2,006	9,733	183,585	15,538,146	1,657	765
Milverton.....	1,179	524	1,426	41,822	3,270,568	430	635
Mississauga.....	137,233	35,725	233,242	4,886,184	385,952,580	33,421	983
Mitchell.....	2,452	1,063	3,571	91,454	7,127,449	887	672
Moorefield.....	⊕300	154	491	14,086	1,137,000	141	670
Morrisburg.....	1,972	839	2,835	76,182	6,387,475	714	763
Mount Brydges.....	⊕1,200	456	902	33,521	2,564,910	427	505
Mount Forest.....	2,946	1,310	4,155	112,718	9,879,200	1,073	775
Napanee.....	4,552	1,824	5,927	132,197	10,867,686	1,528	592
Nepean Twp.....	60,639	14,901	81,794	2,372,306	175,845,631	13,520	\$1,096
Neustadt.....	587	232	648	18,263	1,601,100	192	700
Newboro.....	305	177	364	13,873	951,580	154	518
Newburgh.....	584	213	588	18,253	1,243,863	181	579
Newbury.....	297	156	306	7,687	550,250	128	370
Newcastle.....	1,877	651	2,616	69,101	5,246,265	556	800
New Hamburg.....	2,856	1,030	3,642	121,614	9,490,430	862	940
†New Liskeard.....	5,386	1,936	6,822	187,567	13,664,100	1,612	711
Newmarket.....	⊕10,483	3,519	14,215	342,514	27,226,004	3,051	757
Niagara.....	⊕3,100	1,196	2,807	98,216	7,736,202	1,062	\$593
Niagara Falls.....	⊕59,800	18,455	58,781	1,531,636	104,859,788	16,206	543
Nipigon Twp.....	2,563	812	2,624	67,541	5,645,721	672	704
North Bay.....	45,258	15,129	58,876	1,497,013	114,942,878	13,147	736
North York.....	472,715	127,688	543,687	12,478,273	1,019,563,219	116,101	\$733
Norwich.....	1,742	725	1,458	53,971	4,464,700	612	607
Norwood.....	1,163	482	1,276	36,548	3,455,853	416	\$695
Oakville.....	57,393	16,722	118,044	2,157,103	156,673,353	14,566	917
Oil Springs.....	566	258	469	13,049	963,160	185	435
Omeme.....	776	327	612	26,952	2,137,622	300	599
Orangeville.....	7,703	2,637	9,373	262,939	17,779,190	2,255	666
Orillia.....	21,355	7,715	34,600	636,996	54,113,730	6,779	670
Orono.....	⊕1,000	415	833	44,276	3,230,417	356	758
Oshawa.....	87,378	26,333	137,283	2,853,489	240,498,087	23,818	860
Ottawa.....	⊕315,839	101,675	418,808	7,235,441	810,696,384	89,632	754
Otterville.....	⊕800	302	648	23,108	1,773,544	246	\$588
Owen Sound.....	17,789	6,480	24,965	631,781	54,828,429	5,494	\$794
Paisley.....	749	358	1,106	26,106	2,359,100	285	706
Palmerston.....	1,793	741	2,160	66,252	5,138,726	635	686
Paris.....	6,271	2,354	6,763	188,600	12,664,821	2,059	524
Parkhill.....	1,119	527	1,450	42,447	3,286,190	415	661
Parry Sound.....	5,510	2,280	7,900	225,839	20,154,093	2,040	828

See footnotes on page 164.

CONSUMPTION

nber 31, 1970

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
337,719	32,024,060	349	7,713	1.05	*	*	*	*	*	*
26,881	1,468,149	77	1,559	1.83	16,735	863,804	17	493	4,234	1.94
5,051,093	228,584,710	1,815	11,305	1.33	5,562,458	577,618,850	489	115,712	102,197	0.96
112,512	8,527,407	176	4,168	1.32	*	*	*	*	*	*
3,002	165,920	11	1,257	1.81	8,565	702,000	2	170	29,250	1.22
60,046	4,230,086	125	2,765	1.42	*	*	*	*	*	*
10,022	640,920	25	2,015	1.56	7,538	496,988	4	206	8,283	1.52
84,627	6,067,940	237	2,161	1.39	*	*	*	*	*	*
171,554	14,266,860	296	4,017	1.20	*	*	*	*	*	*
1,426,475	101,920,014	1,308	\$7,264	1.40	840,589	76,841,026	73	15,446	89,558	1.09
4,608	345,585	38	758	1.33	3,300	124,080	2	130	5,170	2.66
3,060	197,070	23	730	1.55	*	*	*	*	*	*
14,002	791,834	32	2,030	1.77	*	*	*	*	*	*
8,124	625,220	26	1,966	1.30	5,184	207,350	2	151	8,640	2.50
22,413	1,414,019	78	1,625	1.59	41,771	3,076,120	17	921	15,536	1.36
43,627	2,662,528	143	1,768	1.64	49,837	2,726,507	25	1,207	8,910	1.83
155,647	9,162,200	304	2,512	1.70	65,500	4,804,200	20	1,474	20,018	1.36
407,941	33,087,227	468	5,923	1.23	*	*	*	*	*	*
60,804	4,179,225	134	\$3,286	1.45	*	*	*	*	*	*
1,797,695	131,577,061	2,153	5,167	1.37	659,328	58,893,888	96	14,416	51,123	1.12
82,812	7,280,653	140	4,334	1.14	*	*	*	*	*	*
1,624,249	141,719,269	1,982	6,032	1.15	*	*	*	*	*	*
7,885,050	1,605,268,638	11,587	\$12,279	1.11	*	*	*	*	*	*
25,014	1,581,204	113	1,187	1.58	*	*	*	*	*	*
18,632	1,326,454	66	\$2,211	1.40	*	*	*	*	*	*
4,976,365	532,025,290	2,156	20,717	0.94	*	*	*	*	*	*
16,275	1,255,960	73	1,396	1.30	*	*	*	*	*	*
11,100	595,419	26	1,946	1.86	4,116	408,591	1	74	34,049	1.01
289,772	21,573,706	382	4,769	1.34	*	*	*	*	*	*
355,124	27,279,129	788	2,948	1.30	646,705	60,666,878	148	23,035	35,108	1.07
15,858	919,500	53	1,474	1.72	16,418	985,230	6	352	11,729	1.67
4,396,125	409,659,008	2,515	13,663	1.07	*	*	*	*	*	*
15,152,195	1,258,445,700	11,910	8,854	1.20	587,948	52,629,438	133	14,208	31,216	1.12
12,562	721,638	56	\$1,203	1.74	*	*	*	*	*	*
290,590	22,379,359	863	\$3,161	1.30	459,169	50,548,191	123	12,131	32,909	0.91
20,011	1,362,110	73	1,610	1.47	*	*	*	*	*	*
39,765	2,535,981	90	2,335	1.57	12,156	825,649	16	422	4,170	1.47
191,807	16,906,415	295	4,825	1.13	*	*	*	*	*	*
25,900	1,472,090	94	1,278	1.76	26,259	1,282,300	18	685	5,937	2.05
125,564	8,975,530	210	3,613	1.40	46,730	4,215,294	30	1,232	11,517	1.11

CUSTOMERS, REVENUE

for the Year

Municipality	Popula- tion	Total Customers	Peak Load Decem- ber 1970	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer
			kw	\$	kwh		kwh
Pembroke.....	15,299	5,135	16,471	526,814	38,451,213	4,425	726
Penetanguishene.....	5,344	1,658	5,713	152,579	12,880,359	1,461	764
Perth.....	5,503	2,209	8,159	178,212	13,961,836	1,839	635
Peterborough.....	55,997	18,728	79,997	2,137,220	167,178,690	16,729	846
Petrolia.....	4,008	1,498	3,954	113,309	8,135,428	1,284	531
Pickering.....	2,185	730	2,163	69,358	5,137,213	641	693
Pictou.....	4,676	1,928	6,357	169,290	13,664,070	1,599	719
Plantagenet.....	888	267	1,410	29,679	2,208,621	216	864
Plattsville.....	⊕560	213	899	15,571	1,520,894	170	750
Point Edward.....	2,767	928	6,200	60,734	4,181,790	759	458
Port Burwell.....	667	424	402	27,057	1,294,100	366	\$287
†Port Carling.....	⊕x550	628	1,296	58,725	3,549,500	547	549
Port Colborne.....	⊕18,500	5,668	16,943	441,567	28,798,345	5,057	476
Port Credit.....	9,052	2,882	20,563	209,617	15,855,982	2,296	571
Port Dover.....	3,309	1,589	3,179	98,294	6,921,100	1,360	427
Port Elgin.....	2,503	1,375	4,133	143,048	11,912,007	1,175	\$835
Port Hope.....	8,820	3,056	14,178	293,924	22,789,237	2,661	714
Port McNicoll.....	1,391	647	1,969	53,171	4,351,600	621	583
Port Perry.....	2,910	1,083	3,814	119,962	9,882,023	922	899
Port Rowan.....	842	390	656	23,284	1,462,210	297	421
Port Stanley.....	x1,482	1,124	1,602	88,072	5,521,964	1,019	449
†Powassan.....	1,021	412	1,608	48,029	3,787,400	326	968
Prescott.....	4,902	1,902	6,428	128,866	13,209,166	1,656	\$629
Preston.....	15,612	4,728	20,260	421,308	34,368,272	4,369	671
Priceville.....	⊕130	84	132	5,866	354,850	77	408
Princeton.....	⊕430	196	544	14,315	1,412,390	147	812
Queenston.....	⊕560	203	526	17,857	1,868,935	188	842
Rainy River.....	1,112	430	1,597	48,200	3,562,240	338	\$798
Red Rock.....	1,866	385	1,310	34,336	2,996,700	354	708
Renfrew.....	8,904	3,104	10,679	260,731	23,424,419	2,709	734
Richmond.....	2,041	625	2,494	75,989	6,436,630	574	958
Richmond Hill.....	⊕20,138	5,562	21,936	538,783	44,466,600	4,882	759
Ridgetown.....	2,842	1,186	2,914	78,370	5,187,637	1,003	433
Ripley.....	436	235	762	20,636	1,954,010	216	761
Rockland.....	3,499	1,012	2,978	97,163	7,566,851	890	721
Rockwood.....	⊕1,000	338	990	41,877	3,140,307	292	\$831
Rodney.....	1,064	458	893	27,309	1,917,011	368	435
Rosseau.....	237	144	318	11,491	949,810	127	628
Russell.....	⊕605	246	889	23,077	2,080,650	207	848
St. Catharines.....	104,969	32,449	159,392	2,959,056	194,897,388	29,390	560

See footnotes on page 164.

CONSUMPTION

nber 31, 1970

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
576,010	39,120,332	710	4,563	1.47	*	*	*	*	*	*
136,747	11,754,654	197	4,814	1.16	*	*	*	*	*	*
229,343	20,225,031	370	4,662	1.13	*	*	*	*	*	*
601,338	255,873,045	1,999	10,813	1.02	*	*	*	*	*	*
83,511	4,774,222	181	2,156	1.75	74,223	3,375,786	33	1,842	8,791	2.20
39,642	3,053,941	89	3,048	1.30	*	*	*	*	*	*
102,172	7,603,646	295	2,174	1.34	41,662	3,639,270	34	1,193	8,920	1.14
31,720	2,424,999	51	4,082	1.31	*	*	*	*	*	*
34,800	3,142,440	43	6,310	1.11	*	*	*	*	*	*
336,535	30,713,179	169	15,606	1.10	*	*	*	*	*	*
8,893	505,470	58	\$1,053	1.76	*	*	*	*	*	*
26,375	1,315,300	74	1,481	2.01	2,147	147,800	7	67	1,760	1.45
612,645	58,012,852	611	7,938	1.06	*	*	*	*	*	*
1,032,717	120,560,259	586	16,999	0.86	*	*	*	*	*	*
91,312	6,339,408	229	2,243	1.44	*	*	*	*	*	*
52,911	3,417,882	183	\$2,170	1.55	39,880	2,699,730	17	1,044	13,234	1.48
436,284	40,351,031	395	8,567	1.08	*	*	*	*	*	*
32,774	1,599,310	26	5,029	2.05	*	*	*	*	*	*
71,853	5,317,191	161	2,778	1.35	*	*	*	*	*	*
15,942	907,905	93	845	1.76	*	*	*	*	*	*
27,051	1,641,205	105	1,315	1.65	*	*	*	*	*	*
31,540	2,039,300	79	2,165	1.55	1,370	58,700	7	46	753	2.33
147,543	12,613,826	246	\$5,818	1.17	*	*	*	*	*	*
160,558	10,484,101	218	4,190	1.53	535,959	47,384,039	141	15,170	28,205	1.13
981	22,280	7	286	4.40						
8,672	668,425	49	1,148	1.30	*	*	*	*	*	*
4,715	343,151	15	3,466	1.37	*	*	*	*	*	*
28,707	1,878,969	92	\$2,466	1.53	*	*	*	*	*	*
28,525	2,577,288	31	6,928	1.11	*	*	*	*	*	*
112,231	9,177,186	345	2,173	1.22	126,267	11,802,642	50	3,917	19,476	1.07
36,382	2,797,860	51	4,527	1.30	*	*	*	*	*	*
627,554	59,307,389	680	7,382	1.06	*	*	*	*	*	*
98,599	6,576,721	183	2,973	1.50	*	*	*	*	*	*
4,467	282,510	13	1,744	1.58	4,270	389,575	6	123	5,411	1.10
45,986	3,234,721	122	2,375	1.42	*	*	*	*	*	*
8,308	469,180	46	\$1,700	1.77	*	*	*	*	*	*
22,628	1,670,520	90	1,555	1.35	*	*	*	*	*	*
3,475	250,950	17	1,230	1.38	*	*	*	*	*	*
13,578	1,044,110	39	2,203	1.30	*	*	*	*	*	*
6,004,581	593,449,407	3,059	15,938	1.01	*	*	*	*	*	*

CUSTOMERS, REVENUE

for the Year

Municipality	Popula- tion	Total Customers	Peak Load Decem- ber 1970	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer
			kw	\$	kwh		kwh
St. Clair Beach.....	1,939	550	1,788	72,636	5,374,199	522	861
St. George.....	⊕975	339	1,128	26,446	2,070,045	286	604
St. Jacobs.....	⊕930	286	1,254	27,623	2,524,260	235	899
St. Mary's.....	4,495	1,836	5,383	152,525	12,194,250	1,478	655
St. Thomas.....	24,418	8,896	29,941	838,121	55,976,163	7,928	594
Sandwich West Twp.....	10,863	3,229	9,785	428,171	29,828,290	3,071	844
Sarnia.....	56,750	17,100	64,883	1,603,544	112,056,709	15,315	612
Scarborough.....	312,284	86,467	363,810	8,795,649	713,320,935	81,011	740
Schreiber Twp.....	2,109	692	2,254	63,728	6,189,875	605	853
†Schumacher.....	2,781	1,085	2,488	76,853	5,464,200	970	473
Seaforth.....	1,970	886	2,537	76,398	5,378,430	747	600
Shelburne.....	1,542	768	2,679	67,909	5,829,440	637	805
Simcoe.....	10,359	4,053	15,975	328,251	23,314,385	3,390	578
Sioux Lookout.....	2,416	976	3,233	96,993	8,407,685	841	846
Smiths Falls.....	9,383	3,689	14,894	325,234	25,788,240	3,149	684
Southampton.....	x1,767	1,431	2,827	89,931	7,585,610	1,281	505
South Grimsby Twp.....	⊕2,900	442	896	30,768	2,094,048	345	509
†South Porcupine.....	⊕6,200	2,126	4,891	158,129	11,684,800	1,850	529
South River.....	969	358	1,138	43,294	3,088,653	323	798
Springfield.....	521	188	434	14,476	1,147,440	156	621
Stayner.....	1,911	873	2,342	67,651	5,478,850	720	659
Stirling.....	1,472	594	2,048	48,044	4,637,288	521	747
Stoney Creek.....	8,193	2,183	7,277	220,739	19,390,978	2,035	793
Stouffville.....	⊕4,394	1,534	5,539	157,546	12,909,680	1,326	§798
Stratford.....	22,890	7,902	33,973	891,785	60,580,849	6,967	727
Strathroy.....	6,376	2,252	7,382	219,769	15,161,130	1,954	652
Streetsville.....	6,215	1,700	7,112	138,020	11,961,562	1,466	687
Sturgeon Falls.....	6,524	1,927	6,453	207,099	15,317,241	1,705	767
Sudbury.....	90,543	27,298	88,870	2,537,062	236,826,610	24,571	787
Sunderland.....	⊕660	296	816	23,517	2,114,220	244	730
Sundridge.....	684	357	1,167	28,679	2,655,399	287	785
Sutton.....	⊕1,637	1,010	3,369	81,688	6,701,127	830	677
Tara.....	660	283	1,109	24,937	2,223,606	218	§816
Tavistock.....	1,356	571	2,138	55,970	4,628,970	456	860
†Teck Twp.....	⊕18,000	5,960	13,686	457,499	32,540,200	5,078	536
Tecumseh.....	4,955	1,527	3,641	150,773	10,133,930	1,391	613
Teeswater.....	939	418	1,549	30,132	2,932,203	375	660
Terrace Bay Twp.....	1,828	481	2,268	55,451	6,155,495	420	§1,219
Thamesford.....	⊕1,500	492	1,781	53,157	4,379,099	449	817
Thamesville.....	1,037	450	1,235	28,465	2,314,250	354	544

See footnotes on page 164.

CONSUMPTION

nber 31, 1970

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
25,185	2,270,410	28	7,007	1.11	*	*	*	*	*	*
27,332	1,991,460	53	3,131	1.37	*	*	*	*	*	*
30,465	2,186,780	41	4,391	1.39	10,744	579,670	10	401	4,831	1.85
137,646	12,211,900	358	3,231	1.13	*	*	*	*	*	*
081,658	95,396,059	968	8,333	1.13	*	*	*	*	*	*
68,195	4,650,130	158	2,549	1.47	*	*	*	*	*	*
074,989	71,983,256	1,631	3,770	1.49	1,466,382	183,632,820	154	35,553	98,410	0.80
589,049	433,644,974	4,564	8,130	1.29	5,048,167	488,881,352	892	118,814	47,677	1.03
44,193	3,480,932	87	3,373	1.27	*	*	*	*	*	*
51,860	3,723,700	110	2,783	1.39	10,390	1,366,000	5	190	22,767	0.76
82,308	5,660,517	139	3,345	1.45	*	*	*	*	*	*
42,411	2,894,410	131	1,870	1.47	*	*	*	*	*	*
650,119	54,085,837	663	6,923	1.20	*	*	*	*	*	*
70,814	5,541,476	135	3,408	1.28	*	*	*	*	*	*
401,661	37,136,376	540	5,694	1.08	*	*	*	*	*	*
36,836	2,232,450	133	1,420	1.65	38,049	3,118,640	17	955	14,851	1.22
26,751	1,603,222	97	1,377	1.67	*	*	*	*	*	*
86,123	5,248,200	269	1,629	1.64	3,120	226,100	7	76	2,692	1.38
18,709	1,124,776	32	3,289	1.66	8,310	287,925	3	184	6,855	2.89
7,756	539,650	32	1,405	1.44	*	*	*	*	*	*
45,583	3,174,221	153	1,787	1.44	*	*	*	*	*	*
22,025	1,604,394	60	2,192	1.37	11,048	999,413	13	382	6,406	1.11
120,610	8,958,667	123	6,170	1.35	14,787	1,119,560	25	471	3,455	1.32
116,380	8,456,465	208	\$4,143	1.38	*	*	*	*	*	*
371,733	111,855,320	935	10,023	1.23	*	*	*	*	*	*
122,616	7,265,720	244	2,560	1.69	198,739	11,864,960	54	3,819	18,656	1.68
109,871	8,282,529	201	3,417	1.33	96,744	10,562,336	33	2,596	28,859	0.92
110,044	7,133,268	206	2,936	1.54	12,889	969,583	16	267	4,897	1.33
657,876	129,280,452	2,411	4,461	1.28	339,096	27,962,390	316	9,075	7,445	1.21
14,580	1,104,759	52	1,805	1.32	*	*	*	*	*	*
24,528	1,847,610	70	2,215	1.33	*	*	*	*	*	*
83,645	6,569,923	180	3,042	1.27	*	*	*	*	*	*
15,372	1,057,956	57	\$1,856	1.45	19,102	1,721,260	8	419	19,125	1.11
50,058	3,856,830	115	2,807	1.30	*	*	*	*	*	*
290,119	22,072,000	859	2,141	1.31	37,541	3,048,500	23	1,491	10,369	1.23
93,132	7,743,638	136	4,852	1.20	*	*	*	*	*	*
14,150	949,780	36	2,199	1.49	24,852	2,236,368	7	735	26,623	1.11
51,732	4,312,051	61	\$6,446	1.20	*	*	*	*	*	*
35,167	3,169,250	43	6,142	1.11	*	*	*	*	*	*
18,831	1,340,656	80	1,405	1.65	22,811	1,002,660	16	820	5,222	2.28

CUSTOMERS, REVENUE

for the Year Ended

Municipality	Popu- lation	Total Customers	Peak Load Decem- ber 1970	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
				Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer
			kw	\$	kwh		kwh
Thedford.....	725	312	862	25,841	2,058,800	247	697
Thessalon.....	1,776	605	1,882	62,191	4,659,764	557	709
Thornbury.....	1,203	609	1,936	49,675	3,578,631	508	588
Thorndale.....	⊕450	159	380	15,375	1,230,157	149	693
Thornton.....	⊕315	121	295	10,018	852,620	102	707
Thorold.....	⊕8,900	2,660	7,088	219,903	14,573,552	2,396	509
Thunder Bay.....	106,540	33,525	139,902	2,910,119	255,328,481	29,963	\$711
Tilbury.....	3,501	1,280	3,616	87,540	6,430,275	1,091	504
Tillsonburg.....	6,275	2,783	9,004	183,076	16,067,324	2,431	555
†Timmins.....	27,768	9,379	23,825	740,663	56,261,100	8,179	578
Toronto.....	677,232	218,174	900,689	16,083,082	1,132,758,016	187,075	503
Tottenham.....	1,307	545	1,339	38,490	2,888,150	476	583
Trenton.....	13,641	4,880	23,685	390,908	35,617,244	4,315	\$685
Tweed.....	1,805	706	2,572	56,439	5,483,338	571	819
Uxbridge.....	3,009	1,105	4,021	106,166	8,569,596	922	780
Vankleek Hill.....	1,699	614	1,884	47,121	3,903,405	518	633
Vaughan Twp.....	⊕18,747	6,081	37,775	797,113	57,377,783	4,965	968
Victoria Harbour.....	1,155	602	1,229	46,428	3,258,700	564	487
Walkerton.....	4,268	1,606	6,982	144,786	12,788,046	1,341	801
Wallaceburg.....	10,545	3,776	18,707	254,884	17,948,870	3,225	\$463
Wardsville.....	325	185	400	10,484	815,840	135	511
Warkworth.....	⊕550	257	684	22,193	1,674,850	201	696
Wasaga Beach.....	1,480	946	1,342	49,785	3,143,840	735	360
Waterdown.....	2,115	647	2,103	66,316	5,457,225	535	846
Waterford.....	2,421	911	2,266	70,316	4,625,575	802	484
Waterloo.....	34,502	9,136	51,310	1,082,400	82,445,031	8,145	853
Watford.....	1,409	598	2,081	45,470	4,063,691	473	\$661
Waubashene.....	⊕1,550	478	748	31,066	2,207,200	450	406
Webbwood.....	570	171	480	16,815	1,194,357	146	698
Welland.....	⊕44,680	12,268	43,767	965,628	59,977,492	11,016	456
Wellesley.....	836	323	851	29,028	2,399,967	273	739
Wellington.....	924	500	1,296	30,804	2,900,713	416	595
West Lorne.....	1,040	491	1,796	33,438	2,764,192	430	543
Westport.....	647	318	828	20,749	1,825,910	243	631
Wheatley.....	1,605	606	1,343	46,546	3,682,495	505	621
Whitby.....	23,689	6,971	32,440	872,395	68,351,543	6,241	911
Warton.....	1,945	874	2,705	66,386	6,126,840	719	715
Williamsburg.....	⊕325	149	456	9,822	914,721	112	\$653
Winchester.....	1,588	647	2,880	52,399	4,888,278	535	779
Windermere.....	⊕x110	143	300	9,605	671,160	133	424

See footnotes on page 164.

CONSUMPTION

nber 31, 1970

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Loads Billed	Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
11,222	656,520	56	977	1.71	10,380	626,860	9	252	6,146	1.66
34,441	2,213,333	41	4,145	1.56	9,174	549,610	7	194	6,543	1.67
57,639	3,852,070	101	3,210	1.50	*	*	*	*	*	*
1,726	124,886	7	1,487	1.38	2,948	115,670	3	119	3,213	2.55
4,398	308,270	19	1,284	1.43	*	*	*	*	*	*
101,313	5,977,188	228	2,224	1.69	134,914	13,373,887	36	3,845	28,948	1.01
833,185	378,222,733	3,562	\$8,891	1.01	*	*	*	*	*	*
61,854	4,252,420	166	2,154	1.45	82,258	4,601,330	23	2,888	16,671	1.79
185,132	14,072,768	303	3,890	1.32	114,684	9,640,791	49	3,417	16,565	1.19
488,916	31,690,100	1,172	2,255	1.54	38,807	2,254,600	28	1,096	6,710	1.72
535,574	867,897,864	23,685	3,027	1.44	29,977,045	3,053,010,580	7,414	634,414	34,360	0.98
19,009	1,180,600	69	1,468	1.61	*	*	*	*	*	*
823,524	91,471,183	565	\$15,717	0.90	*	*	*	*	*	*
62,700	5,029,366	135	3,163	1.25	*	*	*	*	*	*
129,303	8,385,947	183	3,798	1.54	*	*	*	*	*	*
35,950	2,406,690	96	2,078	1.49	*	*	*	*	*	*
431,032	123,048,650	1,116	9,442	1.16	*	*	*	*	*	*
20,845	1,348,390	38	2,957	1.55	*	*	*	*	*	*
201,742	17,771,437	265	5,405	1.14	*	*	*	*	*	*
162,107	11,887,630	441	\$2,335	1.36	855,969	77,522,490	110	18,459	58,463	1.10
8,523	563,344	50	1,079	1.51	*	*	*	*	*	*
10,158	633,950	56	961	1.60	*	*	*	*	*	*
49,851	2,742,857	210	1,086	1.82	256	10,960	1	8	913	2.34
39,424	2,817,295	91	2,594	1.40	10,583	642,206	21	281	2,817	1.65
71,271	4,620,496	109	3,565	1.54	*	*	*	*	*	*
150,301	189,342,436	991	15,282	1.14	*	*	*	*	*	*
21,178	1,388,038	111	\$1,780	1.53	54,101	4,504,022	14	1,451	26,810	1.20
7,610	504,710	28	1,502	1.51	*	*	*	*	*	*
6,247	456,435	25	1,585	1.37	*	*	*	*	*	*
901,625	165,935,619	1,252	11,089	1.15	*	*	*	*	*	*
11,972	756,450	50	1,178	1.58	*	*	*	*	*	*
19,277	1,725,408	84	1,538	1.12	*	*	*	*	*	*
19,349	1,303,586	47	2,388	1.48	43,613	2,912,620	14	1,208	17,979	1.50
14,769	1,162,250	75	1,364	1.27	*	*	*	*	*	*
35,991	2,392,030	101	1,964	1.50	*	*	*	*	*	*
898,449	81,797,677	730	9,514	1.10	*	*	*	*	*	*
59,430	4,606,527	155	2,477	1.29	*	*	*	*	*	*
7,892	581,730	37	\$1,515	1.36	*	*	*	*	*	*
75,735	8,143,870	112	6,463	0.93	*	*	*	*	*	*
5,214	329,900	10	2,618	1.58						

CUSTOMERS, REVENUE for the Year 1970

Municipality	Population	Total Customers	Peak Load December 1970	RESIDENTIAL SERVICE (including flat-rate water-heaters)			
				Revenue	Consumption	Customers	Monthly Consumption per Customer
			kw	\$	kwh		kwh
Windsor.....	196,387	62,060	234,321	5,297,979	336,446,580	55,285	512
Wingham.....	2,833	1,222	5,117	104,897	10,194,020	1,016	\$827
Woodbridge.....	2,457	850	3,497	76,608	7,663,540	783	828
Woodstock.....	24,824	8,486	37,371	806,433	62,590,074	7,499	700
Woodville.....	463	211	520	15,260	1,264,115	174	618
Wyoming.....	1,224	464	1,263	32,445	2,679,302	422	536
York.....	142,025	42,998	118,995	2,946,222	257,561,910	38,874	539
Zurich.....	717	339	960	30,937	2,380,160	272	735

NOTES

* The asterisks in the Industrial Power Service columns indicate that for these municipalities all statistics for form commercial, commercial, and industrial power service have been combined in service under the general rate.

For most of the utilities where the rate was introduced during 1970, a weighted average monthly consumption for residential and general-rate service has been used. This provides more appropriate figures than would result from using the average of the 1969 and 1970 year-end numbers of customers in the calculation.

§ Monthly consumption per customer is based on a weighting of the number of year-end customers. See paragraph 1 above note.

⊕ Population has been estimated. In areas where Regional government has been introduced, the population of each of the municipal components in the Region is no longer published by the Ontario Municipal Board.

† Retail service is provided by The Hydro-Electric Power Commission of Ontario.

x Summer population is excluded.

♦ For industrial power service customers the relationship between power demands and energy use is an important factor in establishing the customer's average cost per kilowatt-hour. See Introduction to Statement C.

¶ The use of bold-face figures for December peak loads indicates that power locally generated or purchased has been used with the power supplied by Ontario Hydro.

CONSUMPTION

ber 31, 1970

COMMERCIAL AND/OR GENERAL SERVICE (including flat-rate water-heaters)					INDUSTRIAL POWER SERVICE					
Revenue	Consumption	Cus- tomers	Monthly Consumption per Customer	Average Cost per Kwh	Revenue	Consumption	Cus- tomers	Average of Customers' Monthly Load \$ Billed	Monthly Consumption per Customer	Average Cost per Kwh
\$	kwh		kwh	¢	\$	kwh		kw	kwh	¢
841,815	860,424,180	6,775	10,779	1.03	*	*	*	*	*	*
65,215	4,813,185	171	28,549	1.35	69,698	5,753,779	35	2,035	13,507	1.21
33,885	2,828,417	56	4,209	1.20	50,395	5,779,516	11	1,285	45,869	0.87
312,210	124,112,775	987	10,559	1.06	*	*	*	*	*	*
6,288	426,880	37	988	1.47	*	*	*	*	*	*
18,262	1,252,170	35	3,025	1.46	14,175	909,600	7	392	10,829	1.56
110,174	373,994,236	4,124	7,524	1.10	*	*	*	*	*	*
16,819	826,316	61	1,157	2.04	4,546	307,555	6	91	4,272	1.48

LIST OF ABBREVIATIONS

A.M.E.U. - Association of Municipal Electrical Utilities	min - minimum
C.L.C. - Canadian Labour Congress	- minute (20-min)
ehv - extra-high-voltage	mw - megawatt
G.S. - Generating Station	N.P.D. - Nuclear Power Demonstration
hp - horsepower	O.M.E.A. - Ontario Municipal Electric Association
kv - kilovolt(s)	S.S. - Switching Station
kva - kilovolt-ampere(s)	T.S. - Transformer Station
kwh - kilowatt-hour(s)	Twp. - Township
M.E.U. - Municipal Electrical Utilities	

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